The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

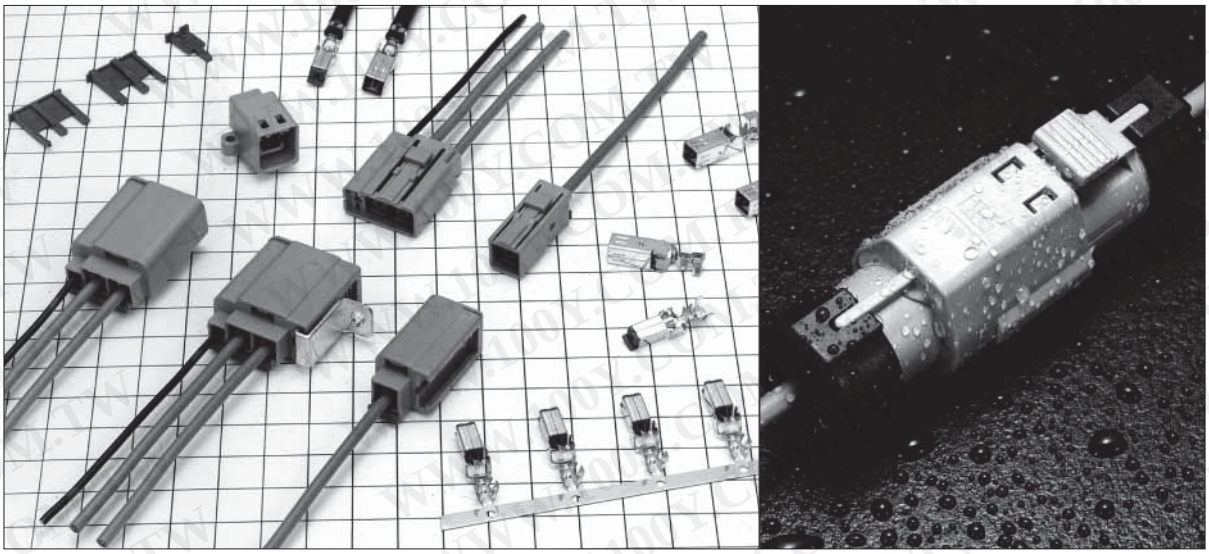
SAE/USCAR-19

Termination of coaxial cables in automotive, medical and instrumentation applications utilizes a single motion to crimp the center conductor, shield and outer insulation.

GT5 Series

— Connectors for coaxial shielded cables —

<Several types and configurations: In-line, board mounted, combinations of coaxial cable with signal/power, Multi-position and color/ keying variations.>



Features

- **USCAR Standard titled "Square Outer Conductor (SAE/USCAR-19)" excludes Water Proof type (GT5W)**
- **Cost efficient termination**
  Highly efficient and reliable single motion "Twin Crimp™" termination allows high volume production with semi-automatic equipment.
- **Space-saving Design**
- **Lock-release latching system**
- **Shock / vibration resistant electrical connections**
- **Verification of the full contact insertion**
- **Color and polarizing variations**
- **Excellent High Frequency Performance**
  Refer to V.S.W.R. data on the following pages.

勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

Applications

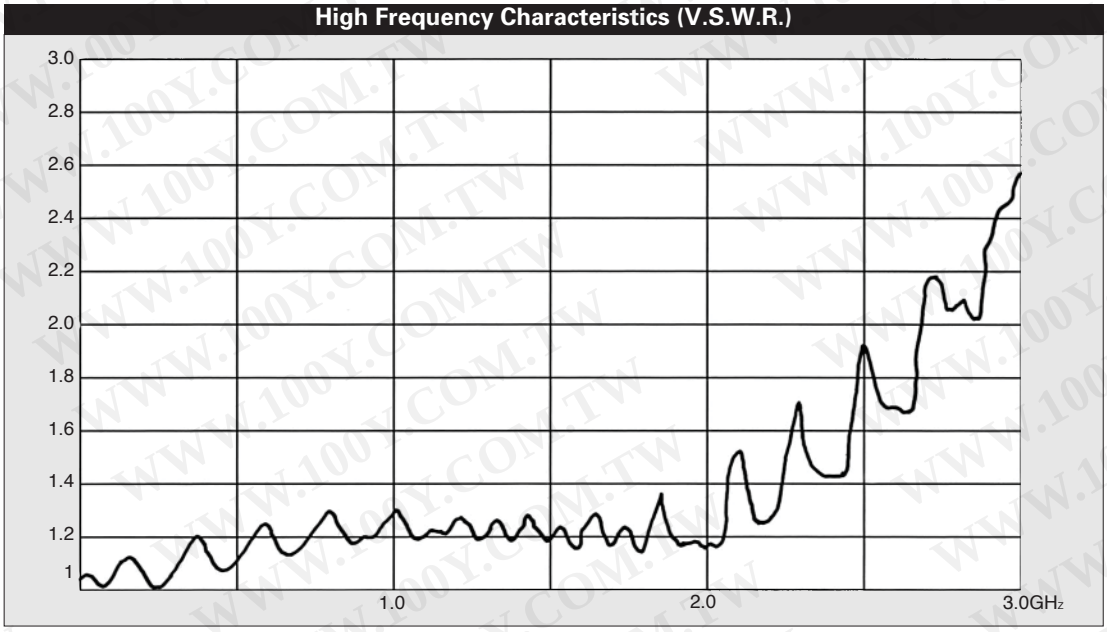
In-car communication, car sensors (temperature, pressure), automotive audio systems, GPS antenna systems, RACS antenna audio/video antenna systems, CRT displays, medical and measuring instrumentation, variety of communication equipment, office automation equipment, LAN systems.

*"Twin Crimp" is a registered trade mark of Hirose Electric.

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

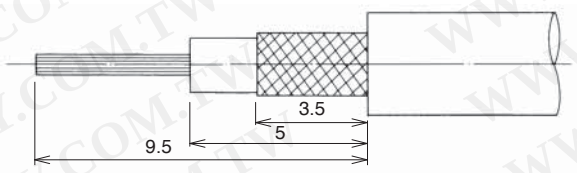
Test Data (Using 1.5D-2V Type cable)



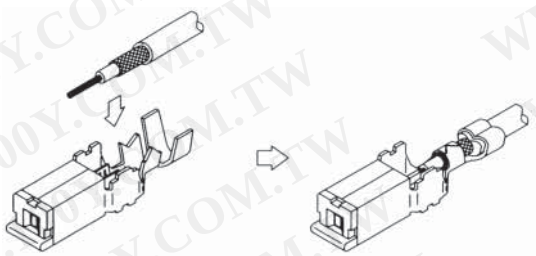
Note: Typical data using fully assemblied and connected GT5-1S-HU and the GT5-1PP-HU.

Termination sequence

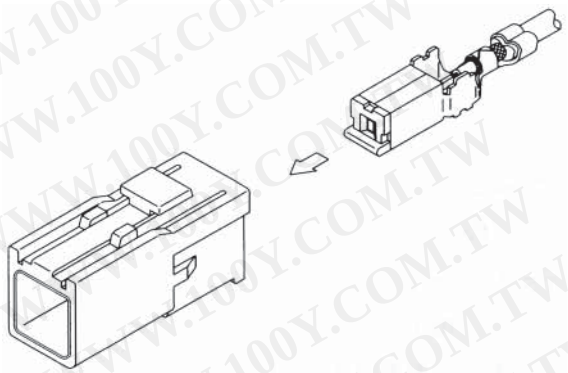
1. Strip the cable.



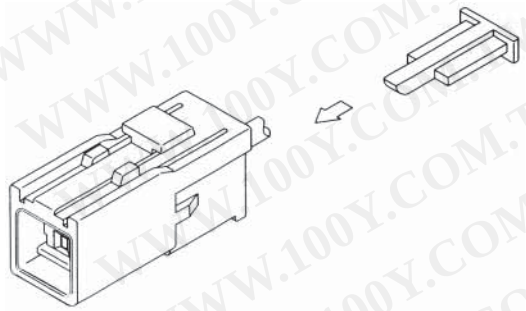
2. Crimp the cable to the terminal.



3. Insert the terminal in the housing until is fully locked.



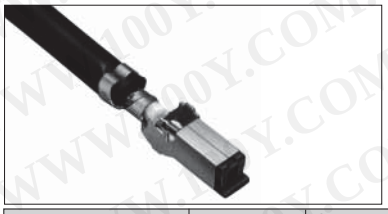
4. Fully insert the retainer.

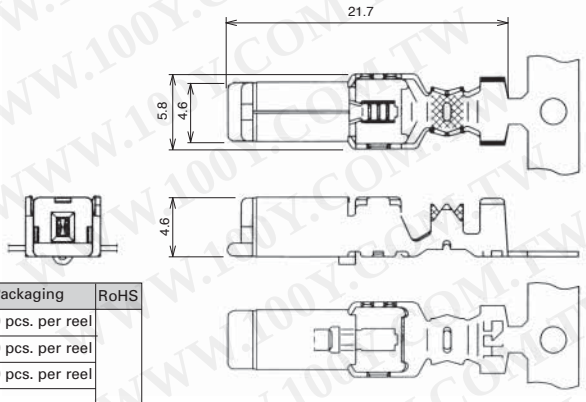


The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

Terminals for coaxial shielded cable

F Connector Terminals



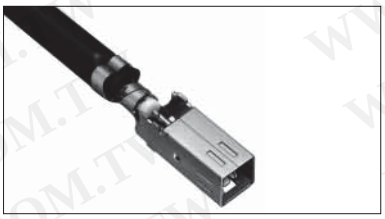


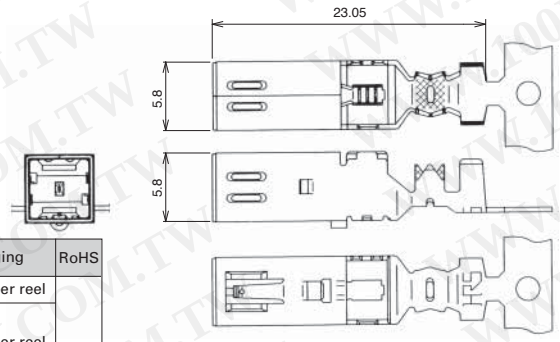
Part Number	CL No.	Conductor Size (AWG)	Inner Insulation Diameter	Outer Diameter	Packaging	RoHS
GT5-30/0.7-1.5SCF(70)	755-0065-1-70	#30 or equivalent	0.6 to 0.9mm	1.4 to 1.8mm	1,300 pcs. per reel	YES
GT5-2428/1.1-2.2SCF	755-0123-6	#24 to 28 or equivalent	1.0 to 1.4mm	2.0 to 2.4mm	1,300 pcs. per reel	
GT5-2428/1.6-2.5SCF(70)	755-0078-3-70	#24 to 28 or equivalent	1.5 to 2.0mm	2.3 to 2.7mm	1,300 pcs. per reel	
GT5-30/1.6-2.9SCF(70)	755-0022-9-70	#30 or equivalent	1.5 to 2.0mm	2.6 to 3.4mm	1,300 pcs. per reel	
GT5-2428/1.6-2.9SCF(70)	755-0002-1-70	#24 to 28 or equivalent				
GT5-2022/1.6-2.9SCF(70)	755-0071-4-70	#20 to 22 or equivalent				
GT5-2022/F2.7-3.5SCF(70)	755-0077-0-70	#20 to 22 or equivalent	2.0 to 2.5mm	3.3 to 3.7mm	1,100 pcs. per reel	
* GT5-2022/F3.3-3.8SCF(70)	755-0054-5-70	#20 to 22 or equivalent	2.5 to 2.9mm	3.6 to 4.0mm	1,100 pcs. per reel	
* GT5-30/F3.3-5SCF(70)	755-0016-6-70	#30 or equivalent	2.5 to 2.9mm	4.6 to 5.0mm	1,100 pcs. per reel	
* GT5-2428/F3.3-5SCF(70)	755-0012-5-70	#24 to 28 or equivalent				
* GT5-2022/F3.3-5SCF(70)	755-0034-8-70	#20 to 22 or equivalent				
* GT5-30/F4-5SCF(70)	755-0020-3-70	#30 or equivalent	3.0 to 3.6mm	4.6 to 5.0mm	1,100 pcs. per reel	
* GT5-2428/F4-5SCF(70)	755-0024-4-70	#24 to 28 or equivalent				
* GT5-2022/F4-5SCF(70)	755-0036-3-70	#20 to 22 or equivalent				

Part	Material	Finish
Insulator	PBT	Color: Dark gray
Crimp terminals	Phosphor bronze	Tin plating
Outer terminals	Brass	Tin plating

Note: Products marked with an asterisk (*) indicate polyethylene foam insulation.

M Connector Terminals



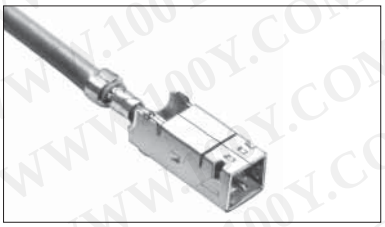


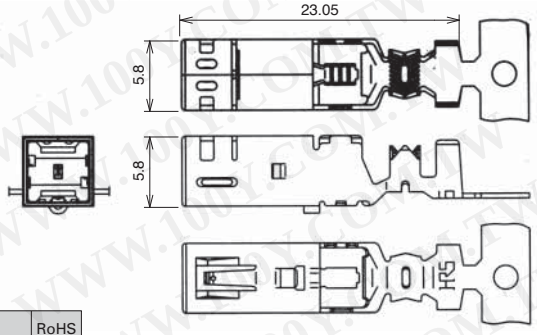
Part Number	CL No.	Conductor Size (AWG)	Inner Insulation Diameter	Outer Diameter	Packaging	RoHS
GT5-30/0.7-1.5PCF(70)	755-0017-9-70	#30 or equivalent	0.6 to 0.9mm	1.4 to 1.8mm	900 pcs. per reel	YES
GT5-30/1.6-2.9PCF(70)	755-0021-6-70	#30 or equivalent	1.5 to 2.0mm	2.6 to 3.4mm	900 pcs. per reel	
GT5-2428/1.6-2.9PCF(70)	755-0001-9-70	#24 to 28 or equivalent				
GT5-2022/1.6-2.9PCF(70)	755-0094-0-70	#20 to 22 or equivalent				
GT5-2022/F2.7-3.5PCF(70)	755-0076-8-70	#20 to 22 or equivalent	2.0 to 2.5mm	3.3 to 3.7mm	900 pcs. per reel	
* GT5-2022/F3.3-3.8PCF(70)	755-0053-2-70	#20 to 22 or equivalent	2.5 to 2.9mm	3.6 to 4.0mm	900 pcs. per reel	
* GT5-30/F3.3-5PCF(70)	755-0015-3-70	#30 or equivalent	2.5 to 2.9mm	4.6 to 5.0mm	900 pcs. per reel	
* GT5-2428/F3.3-5PCF(70)	755-0011-2-70	#24 to 28 or equivalent				
* GT5-2022/F3.3-5PCF(70)	755-0033-5-70	#20 to 22 or equivalent				
* GT5-30/F4-5PCF(70)	755-0019-4-70	#30 or equivalent	3.0 to 3.6mm	4.6 to 5.0mm	900 pcs. per reel	
* GT5-2428/F4-5PCF(70)	755-0023-1-70	#24 to 28 or equivalent				
* GT5-2022/F4-5PCF(70)	755-0035-0-70	#20 to 22 or equivalent				

Part	Material	Finish
Insulator	PBT	Color: Dark gray
Crimp terminals	Brass	Tin plating
Outer terminals	Brass	Tin plating

Note: Products marked with an asterisk (*) indicate polyethylene foam insulation.

Low-insertion M Connector Terminals





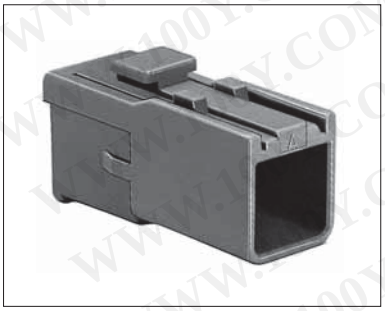
Part Number	HRS No.	Conductor Size (AWG)	Inner Insulation Diameter	Outer Diameter	Packaging	RoHS
GT5L-30/0.7-1.5PCF(70)	755-0068-0-70	#30 or equivalent	0.6 to 0.9mm	1.4 to 1.8mm	900 pcs. per reel	YES
GT5L-30/1.6-2.9PCF(70)	755-0067-7-70	#30 or equivalent	1.5 to 2.0mm	2.6 to 3.4mm	900 pcs. per reel	
GT5L-2428/1.6-2.9PCF(70)	755-0066-4-70	#24 to 28 or equivalent		2.6 to 3.4mm		
GT5L-2428/1.6-2.5PCF(70)	755-0079-6-70	#24 to 28 or equivalent		2.3 to 2.7mm		

Part	Material	Finish
Insulator	PBT	Color: Dark gray
Crimp terminals	Brass	Tin plating
Outer terminals	Brass	Tin plating

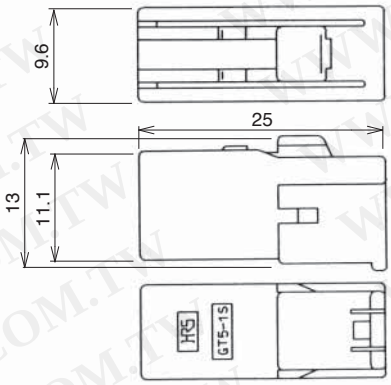
For Single-Conductor coaxial shielded cable

F Connectors

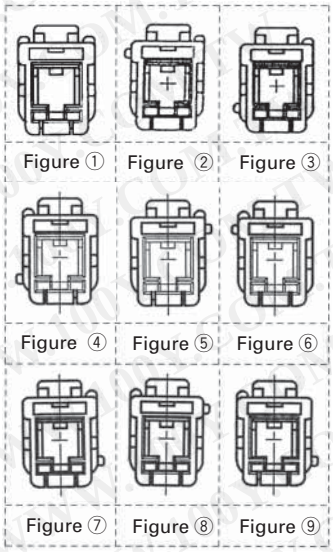
Housings



GT5-1S-HU

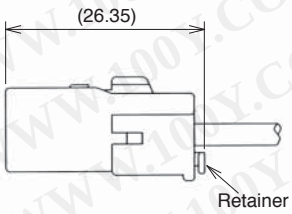


◆Keying Configurations

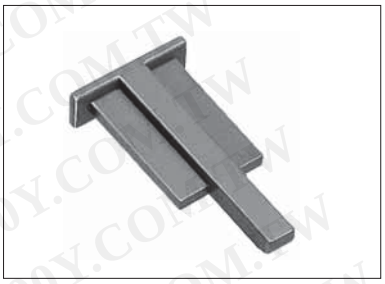


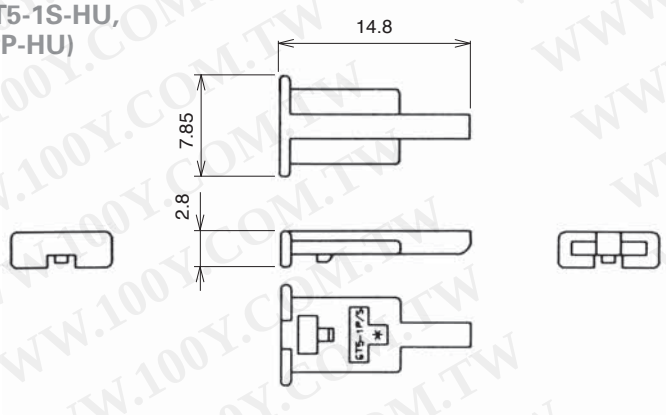
Part Number	CL No.	Material	Color	Key polarizing code	Corresponding M Connector Housing- In-line	Corresponding M Connector Assembly- Board Mounting	USCAR-19 Coding	RoHS
GT5-1S-HU	755-0004-7	PBT	Light gray	Figure ①	GT5-1PP-HU(70)	GT5-1P-DS(70)	—	YES
GT5-1S-HU(A)	755-0037-6		Brown	Figure ②	GT5-1PP-HU(A)(70)	GT5-1P-DS(A)(70)	A	
GT5-1S-HU(B)	755-0038-9		Green	Figure ③	GT5-1PP-HU(B)(70)	GT5-1P-DS(B)(70)	B	
GT5-1S-HU(C)	755-0080-5		Blue	Figure ④	GT5-1PP-HU(C)(70)	GT5-1P-DS(C)(70)	C	
GT5-1S-HU(D)	755-0081-8		Purple	Figure ⑤	GT5-1PP-HU(D)(70)	GT5-1P-DS(D)(70)	D	
GT5-1S-HU(E)	755-0082-0		Pink	Figure ⑥	GT5-1PP-HU(E)(70)	GT5-1P-DS(E)(70)	E	
GT5-1S-HU(I)	—		Black	Figure ⑦	GT5-1PP-HU(I)	GT5-1P-DS(I)	I	
GT5-1S-HU(J)	—		Cream white	Figure ⑧	GT5-1PP-HU(J)	GT5-1P-DS(J)	J	
GT5-1S-HU(K)	—		Pastel orange	Figure ⑨	GT5-1PP-HU(K)	GT5-1P-DS(K)	K	

◆Shown with inserted retainer.



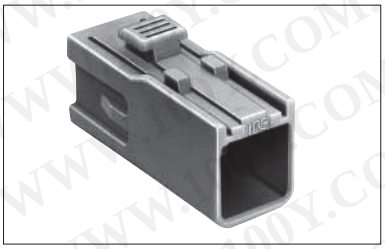
Retainer (-Optional-Used with the housings: GT5-1S-HU, GT5-1PP-HU, GT5N-1PP-HU, GT5H-1PP-HU)



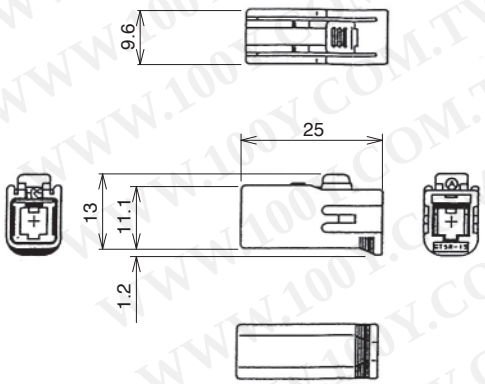


Part Number	CL No.	Material	Color	RoHS
GT5-1P/S-R	755-0006-2	PBT	Dark gray	YES

Housing (Not requiring use of the retainer)



GT5R-1S/HU

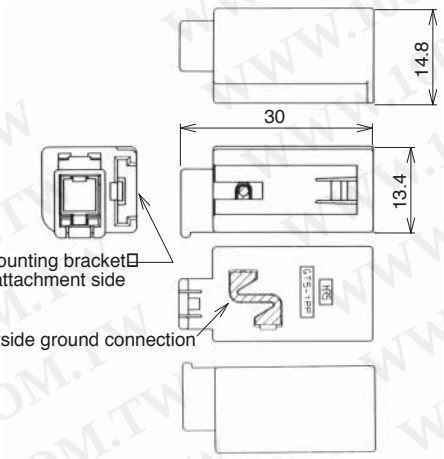


Part Number	CL No.	Material	Color	RoHS
GT5R-1S-HU	755-0047-0	PBT	Light gray	YES

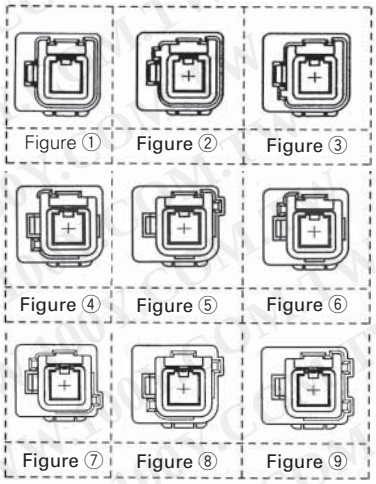
The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

M Connectors

Housings

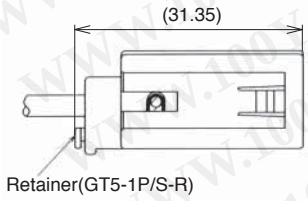


◆Keying Configurations



Part Number	CL No.	Corresponding F Connector Housing	Color	Key polarizing code	USCAR-19 Coding	RoHS
GT5-1PP-HU(70)	755-0005-0-70	GT5-1S-HU	Light Gray	Figure ①	—	YES
GT5-1PP-HU(A)(70)	755-0039-1-70	GT5-1S-HU(A)	Brown	Figure ②	A	
GT5-1PP-HU(B)(70)	755-0040-0-70	GT5-1S-HU(B)	Green	Figure ③	B	
GT5-1PP-HU(C)(70)	755-0103-9-70	GT5-1S-HU(C)	Blue	Figure ④	C	
GT5-1PP-HU(D)(70)	755-0104-1-70	GT5-1S-HU(D)	Purple	Figure ⑤	D	
GT5-1PP-HU(E)(70)	755-0105-4-70	GT5-1S-HU(E)	Pink	Figure ⑥	E	
GT5-1PP-HU(I)(70)	—	GT5-1S-HU(I)	Black	Figure ⑦	I	
GT5-1PP-HU(J)(70)	—	GT5-1S-HU(J)	Cream white	Figure ⑧	J	
GT5-1PP-HU(K)(70)	—	GT5-1S-HU(K)	Pastel orange	Figure ⑨	K	

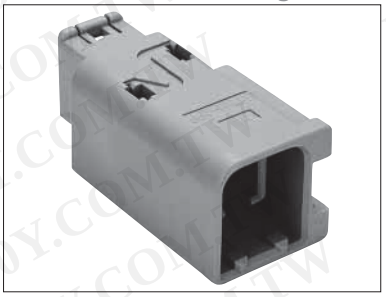
◆Shown with inserted retainer.

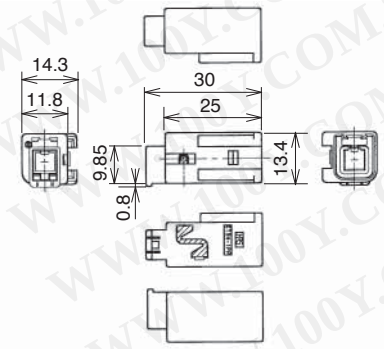


Note : Refer to pages 27 for panel mounting in-line bracket.

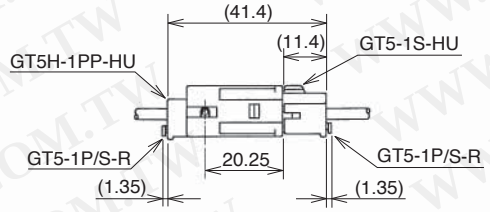
Part	Material	Finish
Housing	PBT	——
Ground terminal	Phosphor bronze	Tin plating

Housings (For use with H type mounting bracket)





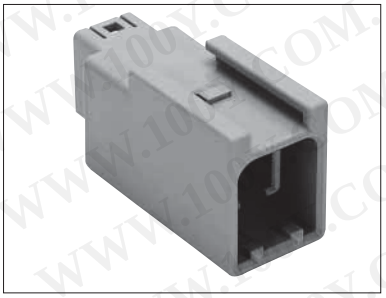
◆Fully mated connector assemblies.

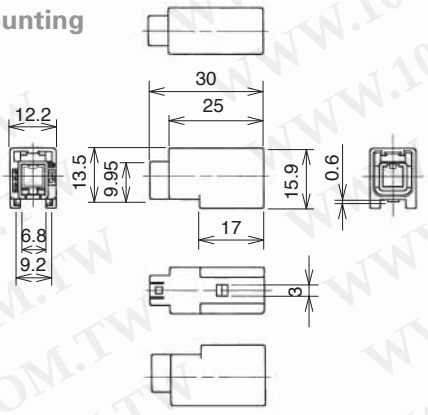


Retainer(GT5-1P/S-R)

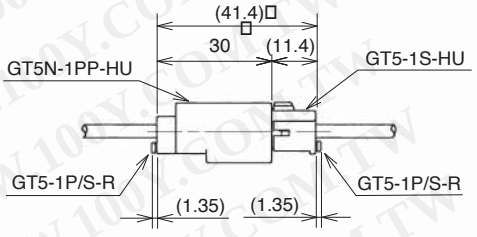
Part Number	CL No.	Color	Material	Corresponding F Connector Housing	RoHS
GT5H-1PP-HU (10)	755-0093-7 10	Light Gray	PBT	GT5-1S-HU GT5R-1S-HU	YES

Housing (For use with N type mounting bracket)





◆Fully mated connector assemblies.



Retainer(GT5-1P/S-R)

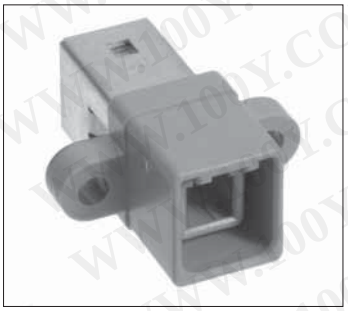
Part Number	CL No.	Color	Material	Corresponding F Connector Housing	RoHS
GT5N-1PP-HU	755-0090-9	Light Gray	PBT	GT5-1S-HU GT5R-1S-HU	YES

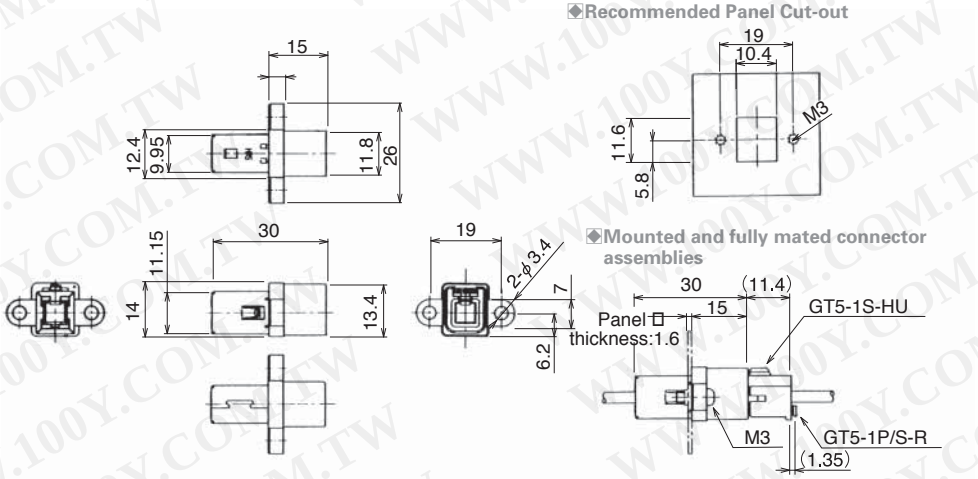
The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

Housings

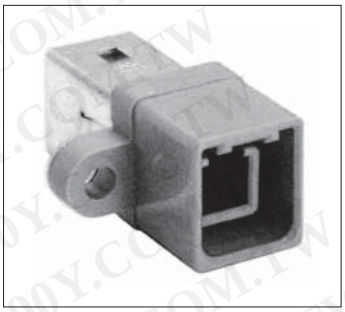
[Panel mounting, enhanced shielding type]

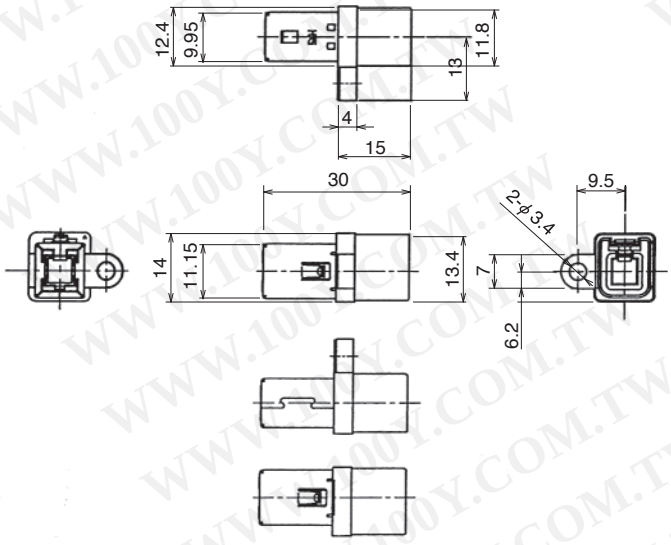




Part Number	CL No.	Part	Material	Finish	Corresponding F Connector Housing	RoHS
GT5A-1PP-HU(70)	755-0025-7-70	Housing	PBT	Color: Light gray	GT5-1S-HU, GT5R-1S-HU	YES
		Ground terminal	Brass	Tin plating		

Note 1: Retainer is unnecessary.
Note 2: Use JIS B 1111 and 1101 M3 screws for the mounting screws.

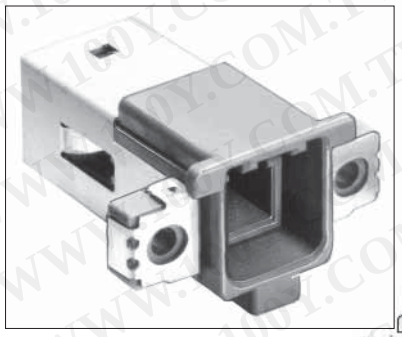


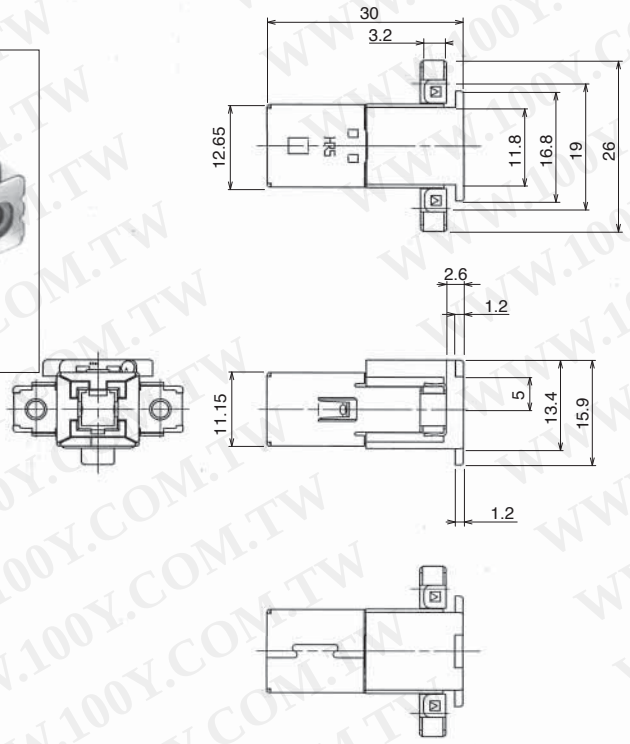


Part Number	CL No.	Part	Material	Finish	Corresponding F Connector Housing	RoHS
GT5P-1PP-HU(70)	755-0030-7-70	Housing	PBT	Color: Light gray	GT5-1S-HU, GT5R-1S-HU	YES
		Ground terminal	Brass	Tin plating		

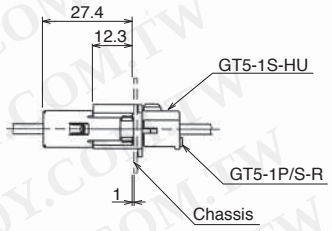
Note 1: Retainer is unnecessary.
Note 2: Use JIS B 1111 and 1101 M3 screws for the mounting screws.

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

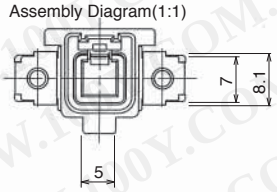




◆Mounted and fully mated connector assemblies

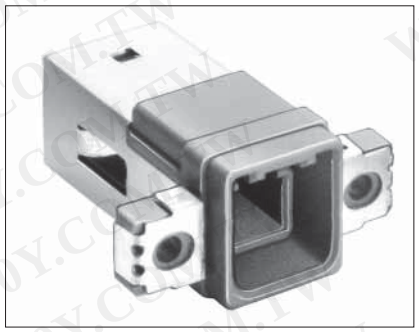


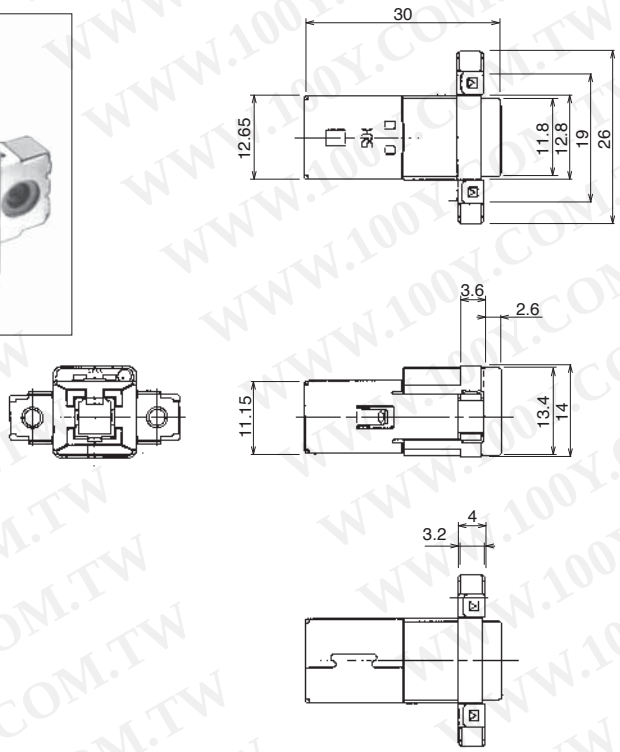
Assembly Diagram(1:1)



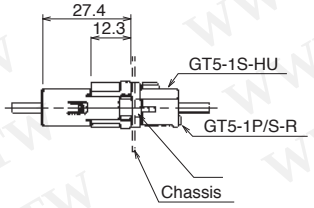
Part Number	CL No.	Part	Material	Finish	Corresponding F Connector Housing	RoHS
GT5B-1PP-HU(70)	755-0051-7-70	Housing	PBT	Color: Light gray	GT5-1S-HU, GT5R-1S-HU	YES
		Ground terminal	Copper alloy	Tin plating		

Note 1: Retainer is unnecessary.
Note 2: Use JIS B 1115 and 1122 class 4, nominal diameter 3, length 6 screws for the mounting screws.

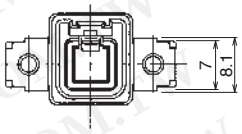




◆Mounted and fully mated connector assemblies



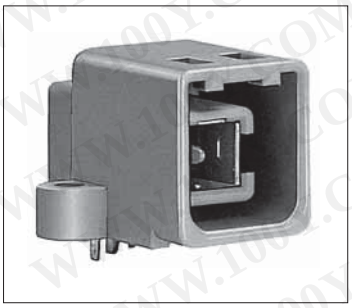
Assembly Diagram (1:1)

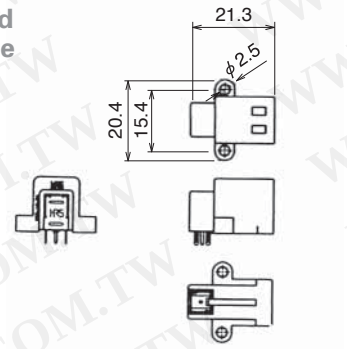


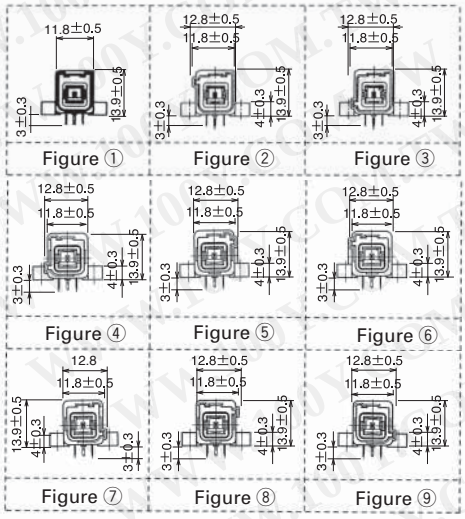
Part Number	CL No.	Part	Material	Finish	Corresponding F Connector Housing	RoHS
GT5S-1PP-HU(70)	755-0050-4-70	Housing	PBT	Color: Light gray	GT5-1S-HU, GT5R-1S-HU	YES
		Ground terminal	Copper alloy	Tin plating		

Note 1: Retainer is unnecessary.
Note 2: Use JIS B 1115 and 1122 class 4, nominal diameter 3, length 6 screws for the mounting screws.

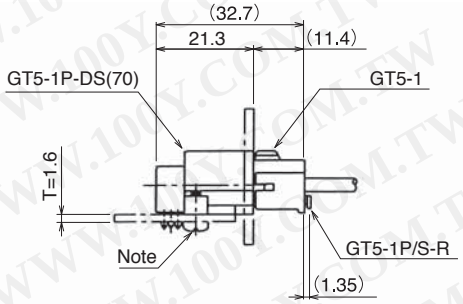
Connector assembly, Printed Circuit Board Mounting Type



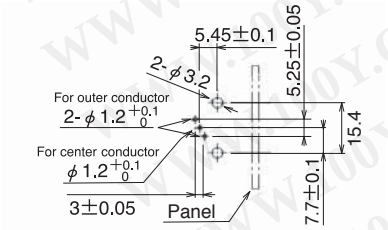




◆Fully Mated connector assemblies



◆Recommended PCB Mounting Pattern

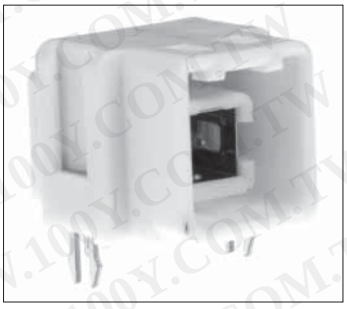


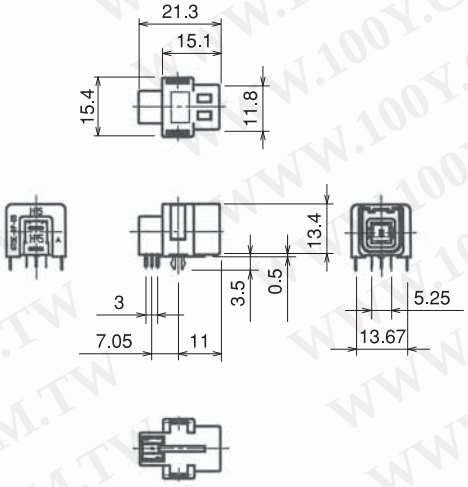
Part Number	CL No.	Color	Key polarizing code	M Connector-Board Type	Corresponding F Connector Housing	RoHS
GT5-1P-DS(70)	755-0007-5-70	Light Gray	Figure ①	GT5-1P-DS	GT5-1S-HU	YES
GT5-1P-DS(A)(70)	755-0041-3-70	Brown	Figure ②	GT5-1P-DS(A)	GT5-1S-HU(A)	
GT5-1P-DS(B)(70)	755-0042-6-70	Green	Figure ③	GT5-1P-DS(B)	GT5-1S-HU(B)	
GT5-1P-DS(C)(70)	755-0083-3-70	Blue	Figure ④	GT5-1P-DS(C)	GT5-1S-HU(C)	
GT5-1P-DS(D)(70)	755-0084-6-70	Purple	Figure ⑤	GT5-1P-DS(D)	GT5-1S-HU(D)	
GT5-1P-DS(E)(70)	755-0085-9-70	Pink	Figure ⑥	GT5-1P-DS(E)	GT5-1S-HU(E)	
GT5-1P-DS(I)(70)	—	Black	Figure ⑦	GT5-1P-DS(I)	GT5-1S-HU(I)	
GT5-1P-DS(J)(70)	—	Cream white	Figure ⑧	GT5-1P-DS(J)	GT5-1S-HU(J)	
GT5-1P-DS(K)(70)	—	Pastel orange	Figure ⑨	GT5-1P-DS(K)	GT5-1S-HU(K)	

Part	Material	Finish
Housing	PBT	-
0.64 x 1.1 Terminals	Brass	Tin plating
Insulator	PBT	Dark gray
Outer terminals	Phosphor bronze	Tin plating

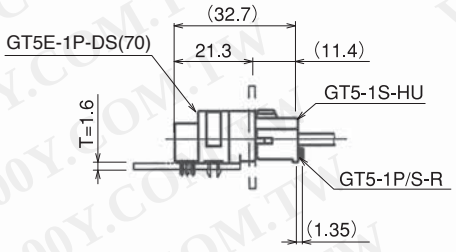
Note: Use JIS B 1115 and 1122 class 4, nominal diameter 3, length 6 screws (for a board thickness of 1.6 mm) for the mounting screws.

* Eight types of keys are available.
Please use a mating F connector housing of a matching key type.

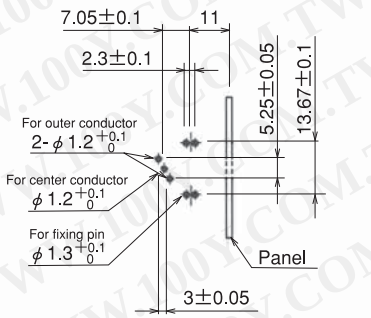




◆Fully Mated connector assemblies



◆Recommended PCB Mounting Pattern



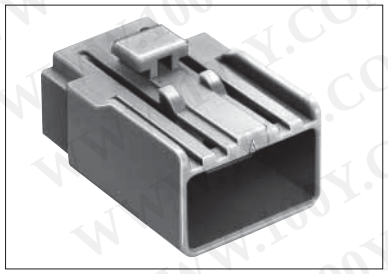
Part Number	CL No.	Part	Material	Finish	Corresponding F Connector Housing	RoHS
GT5E-1P-DS(70)	755-0092-4-70	Housing	PA	Natural	GT5-1S-HU	YES
		0.64 x 1.1 Terminals	Brass	Tin plating		
		Insulator	PBT	Dark gray		
		Outer terminals	Phosphor bronze	Tin plating	GT5R-1S-HU	
		Lock pin	Brass	Tin plating		

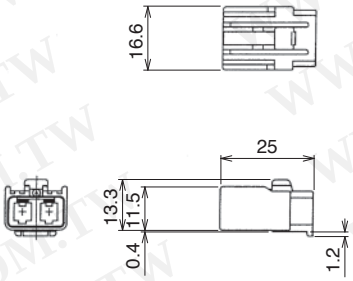
The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

Two-position type-Each Single-Conductor coaxial shielded cable

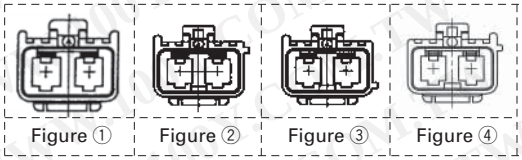
F Connectors

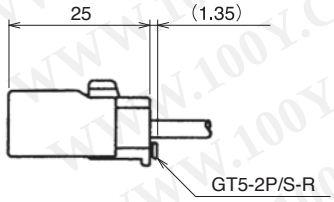
Housings





◆Keying Configurations





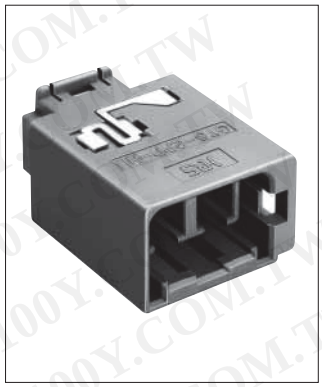
◆Shown with inserted retainer.

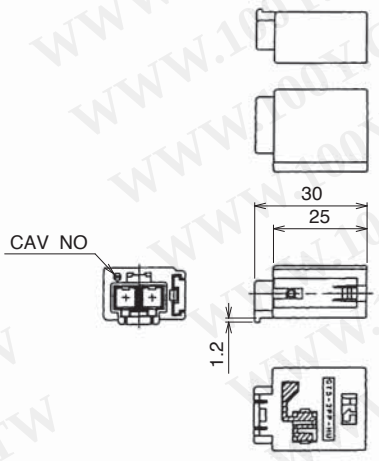
Part Number	CL No.	Material	Color	Key polarizing code	USCAR-19 Coding	RoHS
GT5-2S-HU	755-0044-1	PBT	Light Gray	Figure ①	D2	YES
GT5-2S-HU(A)	755-0059-9		Brown	Figure ②	A2	
GT5-2S-HU(B)	755-0060-8		Green	Figure ③	B2	
GT5-2S-HU(C)	755-0097-8		Blue	Figure ④	C2	
GT5-2S-HU(D)	755-0098-0		Light Gray	Figure ①		

Note 1: Used with separate retainer (GT5-2P/S-R).
Note 2: Please use a mating F connector of a matching key type.

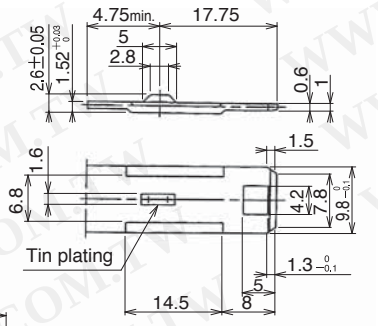
M Connectors

Housings[Panel Mounted Housing]

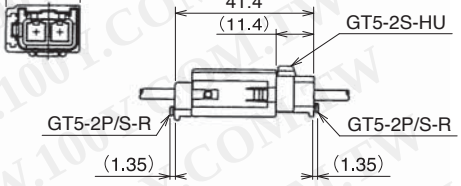




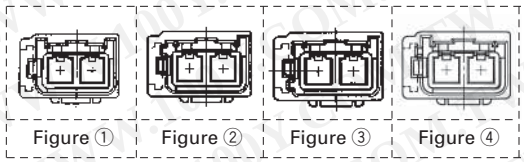
◆Recommended Mounting Bracket dimensions.



◆Fully mated connector assemblies



◆Keying Configurations

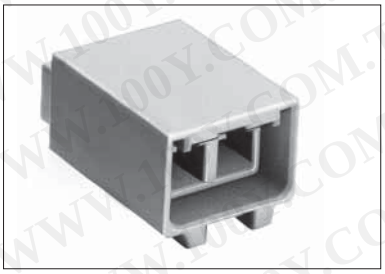


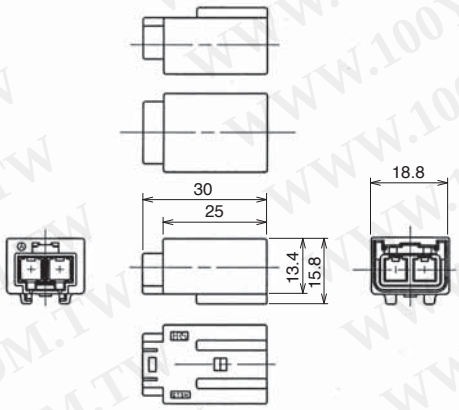
Part Number	CL No.	Color	Key polarizing code	RoHS
GT5-2PP-HU(70)	755-0045-4-70	Light Gray	Figure ①	YES
GT5-2PP-HU(A)(70)	755-0063-6-70	Brown	Figure ②	
GT5-2PP-HU(B)(70)	755-0064-9-70	Green	Figure ③	
GT5-2PP-HU(C)(70)	755-0099-3-70	Blue	Figure ④	
GT5-2PP-HU(D)(70)	——	Light Gray	Figure ①	

Part	Material	Finish
Housing	PBT	-
Ground terminal	Phosphor bronze	Tin plating

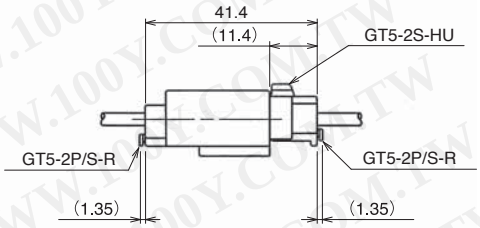
Note1: Used with separate retainer (GT5-2P/S-R).
Coding D2 at USCAR-19 is GT5-2PP-HU.
Note2: Refer to page 27 for panel mounting in-line bracket.

Housing





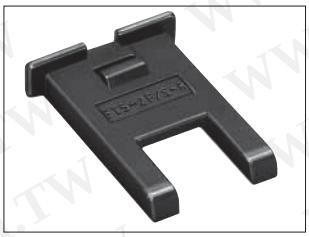
◆Fully Mated connector assemblies

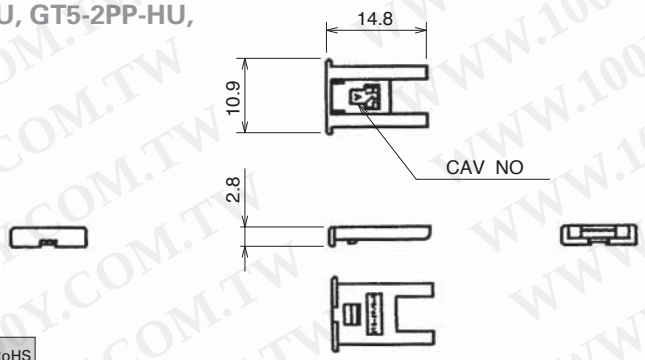


Part Number	CL No.	Material	Color	RoHS
GT5N-2PP-HU	755-0055-8	PBT	Light gray	YES

Note : Used with separate retainer (GT5-2P/S-R).

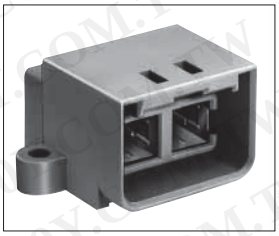
Retainer – 2 position (Used with GT5-2S-HU, GT5-2PP-HU, and GT5N-2PP-HU)

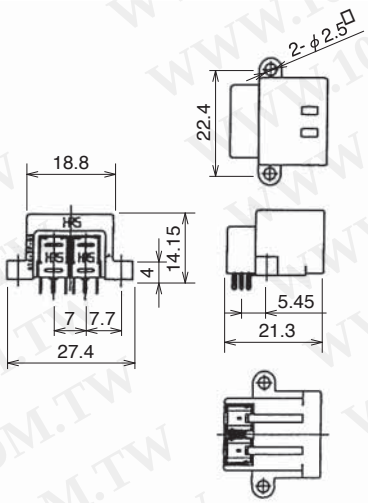




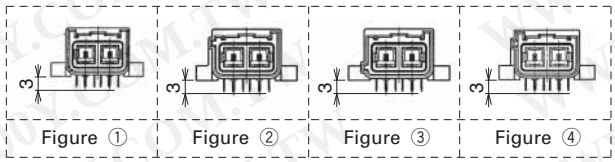
Part Number	CL No.	Material	Color	RoHS
GT5-2P/S-R	755-0046-7	PBT	Dark gray	YES

Housing

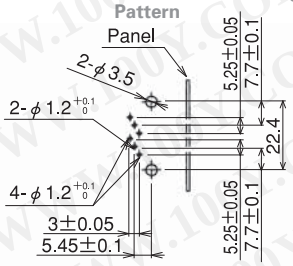




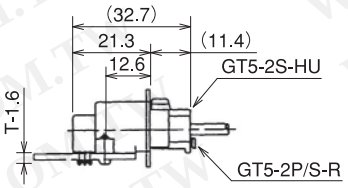
◆Keying Configurations

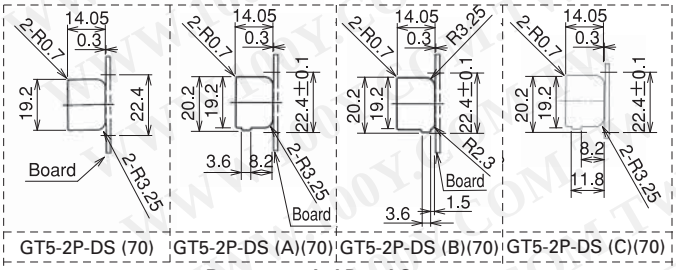


◆Recommended Board Mounting Pattern



◆Mounted and fully mated connector assemblies





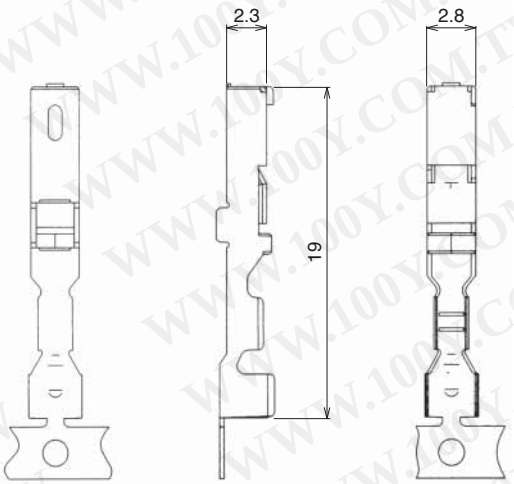
Part Number	CL No.	Material	Color	Key polarizing code	USCAR-19 Coding	RoHS
GT5-2P-DS(70)	755-0043-9-70	PBT	Light Gray	Figure ①	D2	YES
GT5-2P-DS(A)(70)	755-0061-0-70		Brown	Figure ②	A2	
GT5-2P-DS(B)(70)	755-0062-3-70		Green	Figure ③	B2	
GT5-2P-DS(C)(70)	755-0101-3-70		Blue	Figure ④	C2	
GT5-2P-DS(D)(70)	755-0102-6-70		Light Gray	Figure ①		

Note: Use JIS B 1115 and 1122 class 4, nominal diameter 3, length 6 screws (for a board thickness of 1.6 mm) for the mounting screws.
Coding D2 at USCAR-19 is GT5-2P-DS.

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

Power Supply Terminals

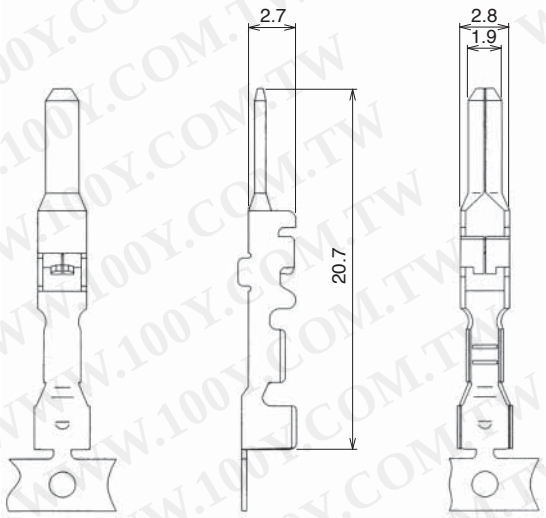
F Connector Terminals



Part Number	CL No.	Material	Finish	Conductor Size (AWG)	Outer Diameter	Packaging	RoHS
GT7-2022SCF(70)	757-0001-1-70	Copper alloy	Tin plating	#20 to 22	1.4 to 2.4mm	5,000pcs.per reel	YES
GT7A-2022SCF(70)	757-0003-7-70			#20 to 22	2.6 to 3.1mm	3,000pcs.per reel	

Note 1: Sold by the reel. (See above table for number of Packaging.)
Note 2: This component is used only with applicable HRS housings.

M Connector Terminals



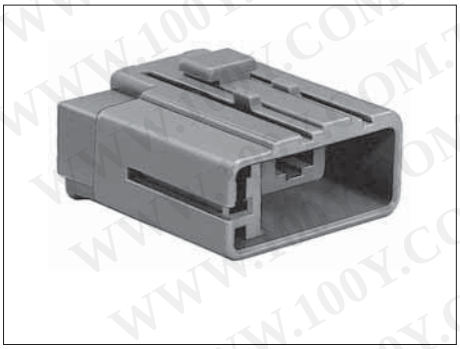
Part Number	CL No.	Material	Finish	Conductor Size (AWG)	Outer Diameter	Packaging	RoHS
GT7-2022PCF(70)	757-0002-4-70	Brass	Tin plating	#20 to 22	1.4 to 2.4mm	5,000pcs.per reel	YES
GT7A-2022PCF(70)	757-0004-0-70			#20 to 22	2.6 to 3.1mm	3,000pcs.per reel	

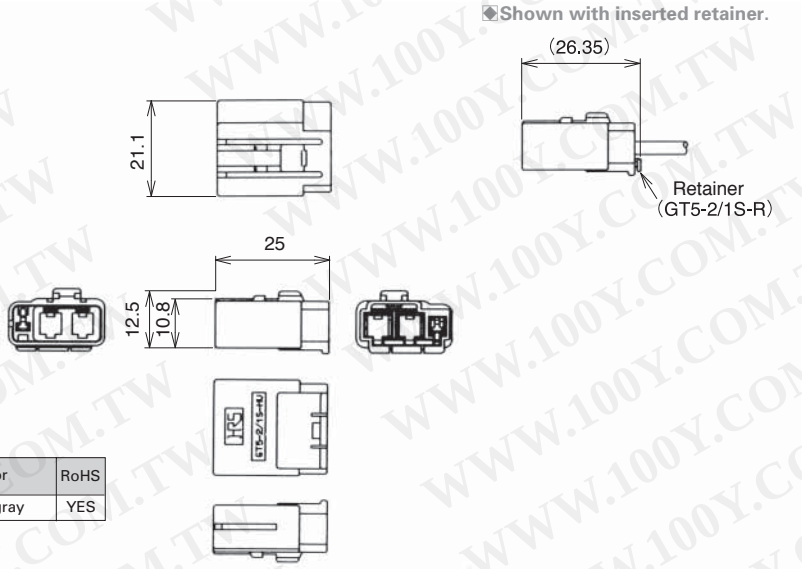
Note 1: Sold by the reel. (See above table for number of Packaging.)
Note 2: This component is used only with applicable HRS housings.

Combinaton Type (Two Single-Conductor Coaxial shielded Cables + One Power contact)

F Connectors

Housing

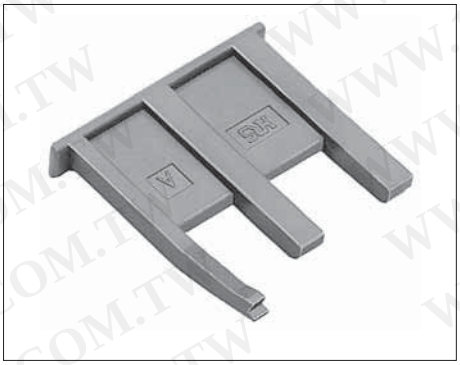


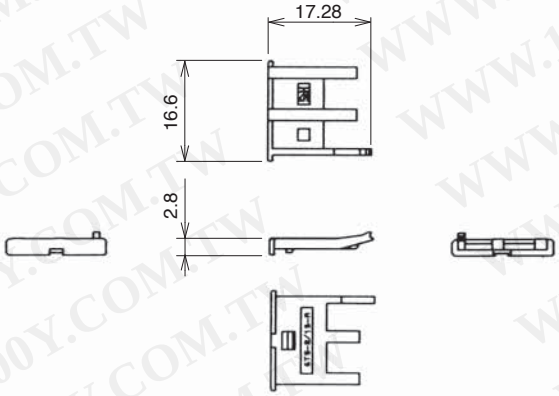


Part Number	CL No.	Material	Color	RoHS
GT5-2/1S-HU	755-0009-0	PBT	Light gray	YES

Note : Used with separate retainer (GT5-2/1S-R).

Retainer (exclusively for GT5-2/1S-HU)

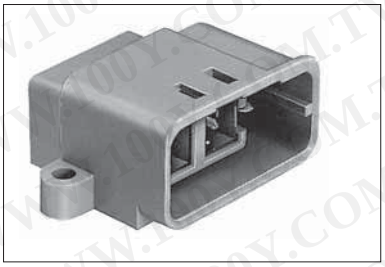


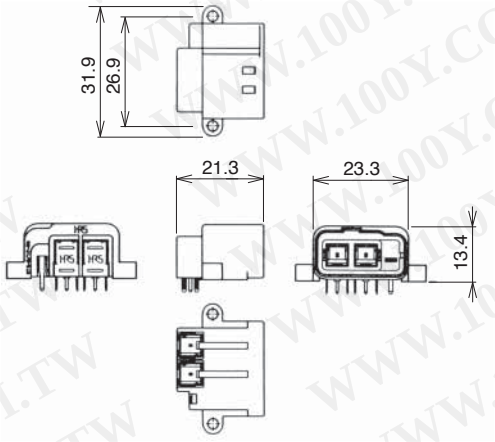


Part Number	CL No.	Material	Color	RoHS
GT5-2/1S-R	755-0003-4	PBT	Dark gray	YES

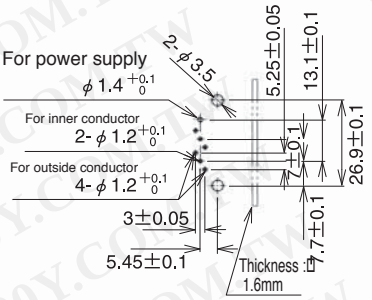
M Connectors

Connector assembly, Printed Circuit Board mounting

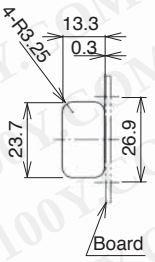




◆Recommended Board Mounting Pattern



◆Recommended Panel Cut-out



Part	Material	Finish
Housing	PBT	Color: Light gray
0. 64x1.1 Terminal	Brass	Tin plating
Insulator	PBT	Dark gray
Outer terminal	Phosphor bronze	Tin plating
Tub terminal for DS 070	Brass	Tin plating

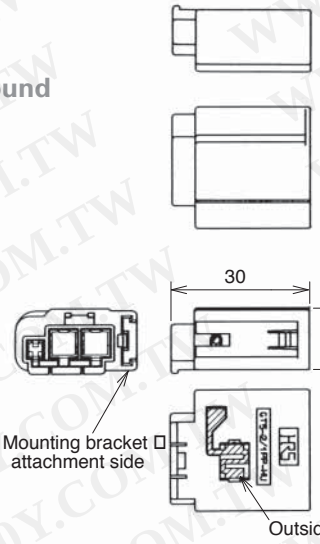
Part Number	CL No.	RoHS
GT5-2/1P-DS(70)	755-0014-0-70	YES

Note: Use JIS B 1115 and 1122 class 4, nominal diameter 3, length 6 screws (for a board thickness of 1.6 mm) for the mounting screws.

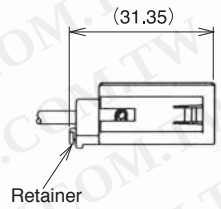
The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

M Connectors

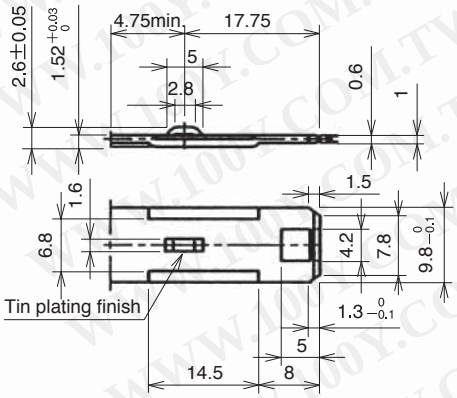
Housing - with External Ground



◆Shown with inserted retainer.



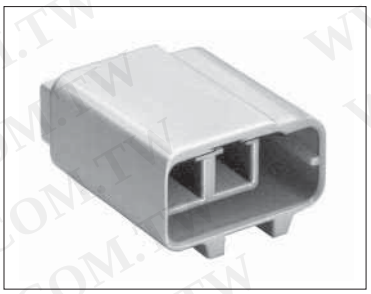
◆Recommended Mounting Bracket Dimensions

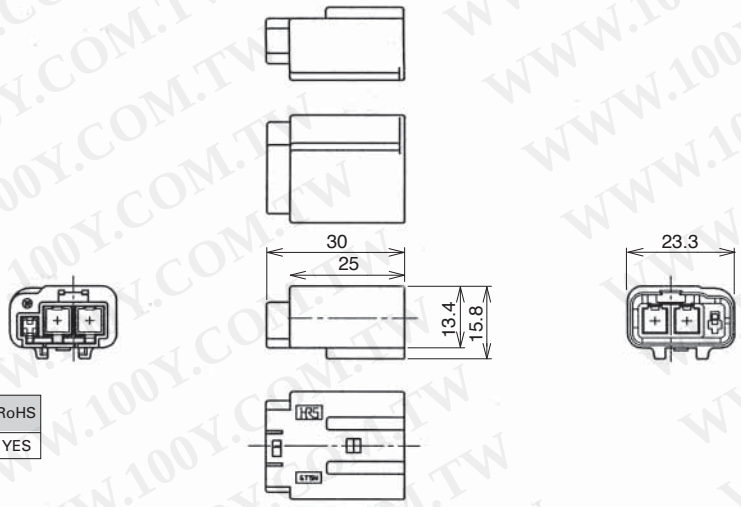


Part Number	CL No.	Part	Material	Finish	RoHS
GT5-2/1PP-HU(70)	755-0008-8-70	Housing	PBT	Color: Light gray	YES
		Ground terminal	Phosphor bronze	Tin plating	

Note 1: Used with separate retainer (GT5-2/1PP-R).
Note 2: Refer to page 27 for panel mounting in-line bracket.

Housing - without External Ground

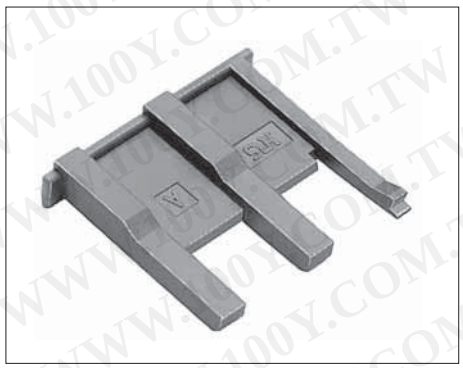




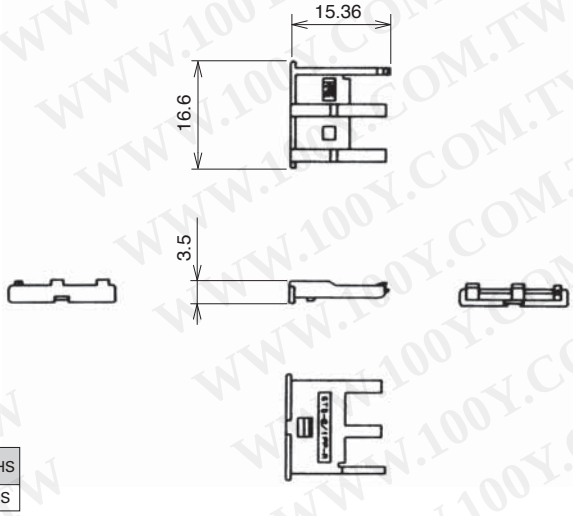
Part Number	CL No.	Material	Color	RoHS
GT5N-2/1PP-HU	755-0013-8	PBT	Light gray	YES

Note : Used with separate retainer GT5-2/1PP-R.

Retainer (Used with GT5N-2/1PP-HU and GT5-2/1PP-HU)



GT5-2/1PP-R

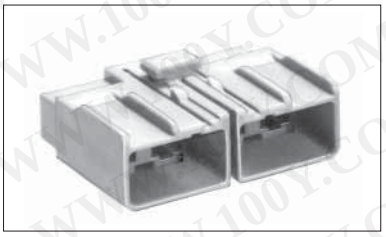


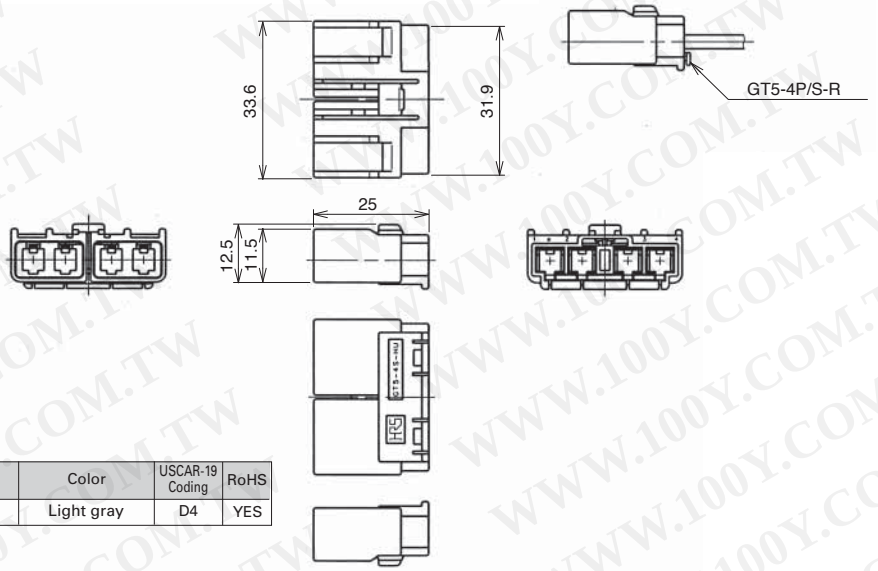
Part Number	CL No.	Material	Color	RoHS
GT5-2/1PP-R	755-0010-0	PBT	Dark gray	YES

4-Position – Single conductor shielded Coaxial cable

◆Shown with inserted retainer.

F Connector

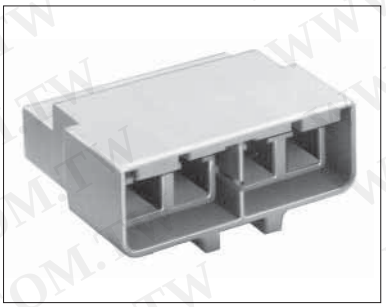


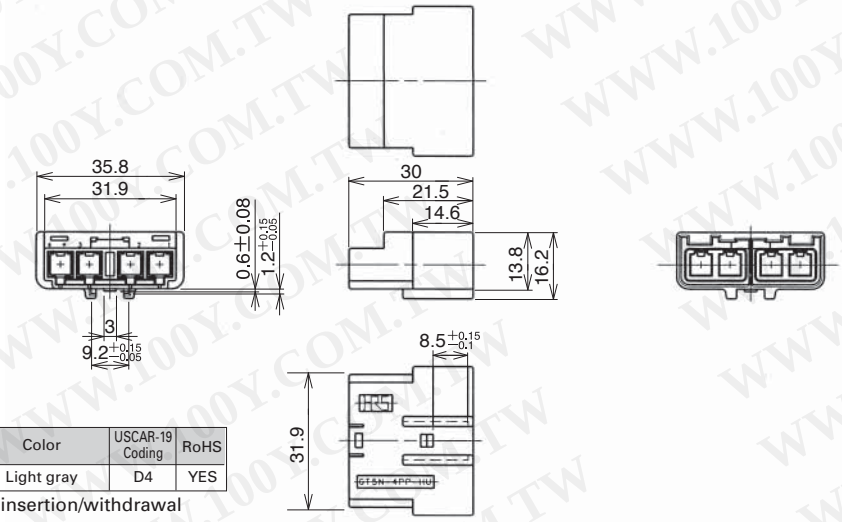


Part Number	CL No.	Material	Color	USCAR-19 Coding	RoHS
GT5-4S-HU	755-0056-0	PBT	Light gray	D4	YES

Note: Used with separate retainer (GT5-4P/S-R).

M Connector

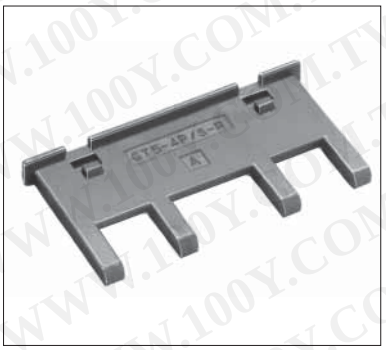


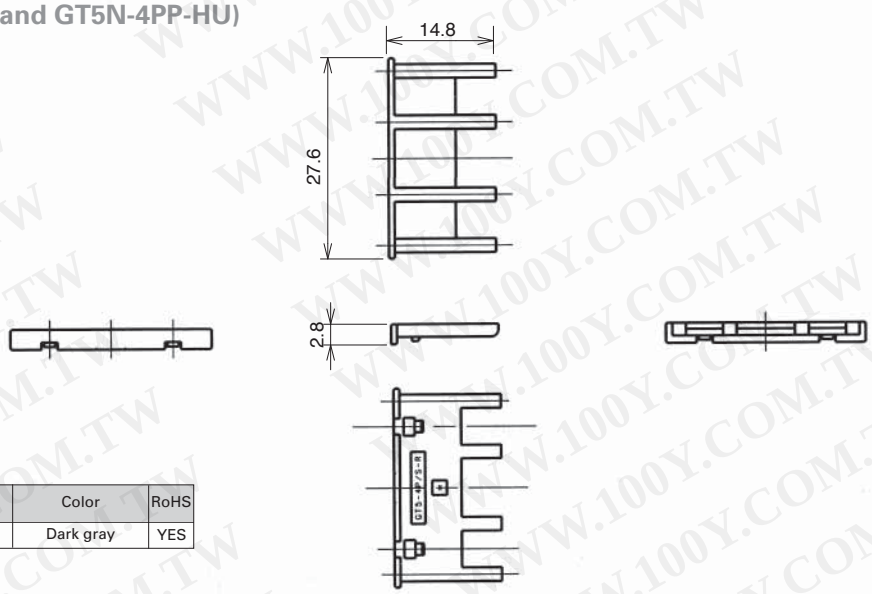


Part Number	CL No.	Material	Color	USCAR-19 Coding	RoHS
GT5N-4PP-HU	755-0057-3	PBT	Light gray	D4	YES

Note 1: The product should be used with a low-force insertion/withdrawal M connector terminal.
Note 2: Used with separate retainer GT5-4P/S-R.

● Retainer (Used with GT5-4S-HU and GT5N-4PP-HU)





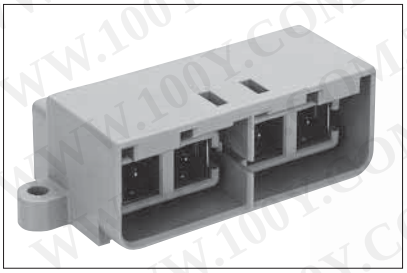
Part Number	CL No.	Material	Color	RoHS
GT5-4P/S-R	755-0058-6	PBT	Dark gray	YES

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

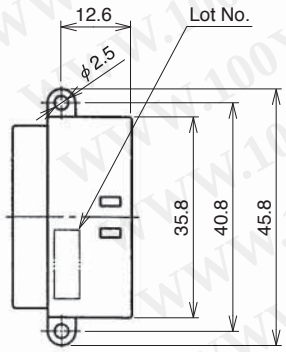
M Connector

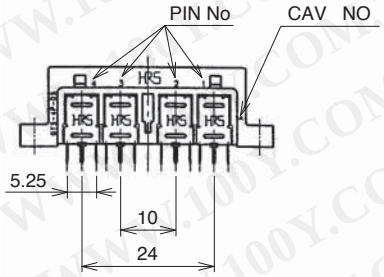
Connector assembly, Printed Circuit Board Mounting

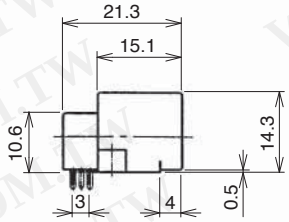


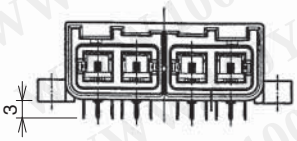
Part Number	CL No.	USCAR-19 Coding	RoHS
GT5-4P-DS(70)	755-0087-4-70	D4	YES

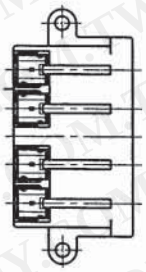
Item	Material	Color / Finish
Housing	PBT	Light gray
0.64×1.1Terminal	Brass	Tin plating
Insulator	PBT	Dark gray
Outer terminal	Phosphor bronze	Tin plating



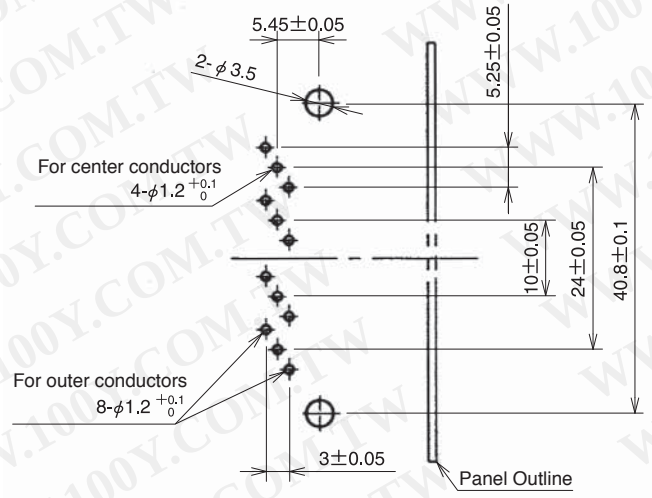




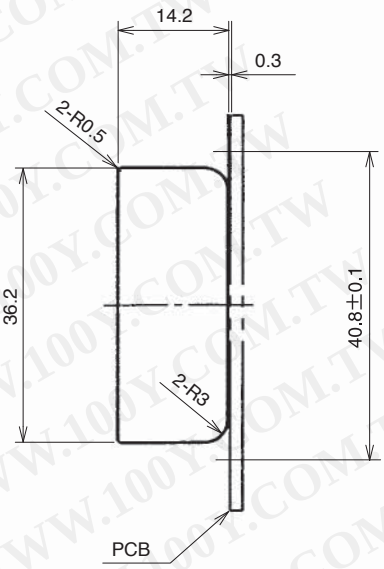




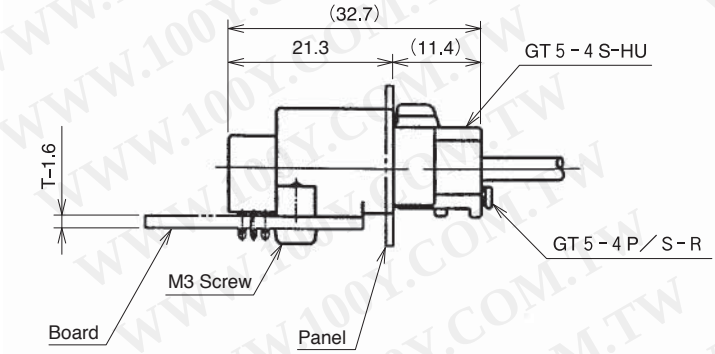
Recommended Board Mounting Pattern



Recommended Panel Cut-out



Mounted and fully mated connector assemblies

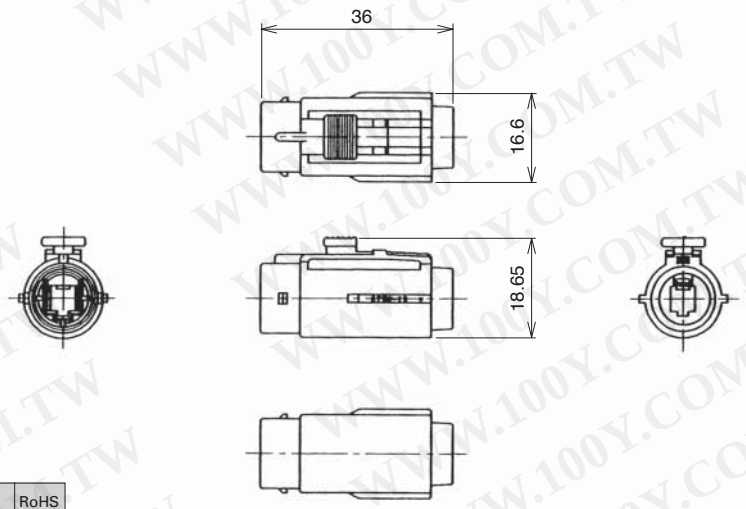


The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

For Single Conductor Coaxial shielded Cable - Waterproof Type

F Connector

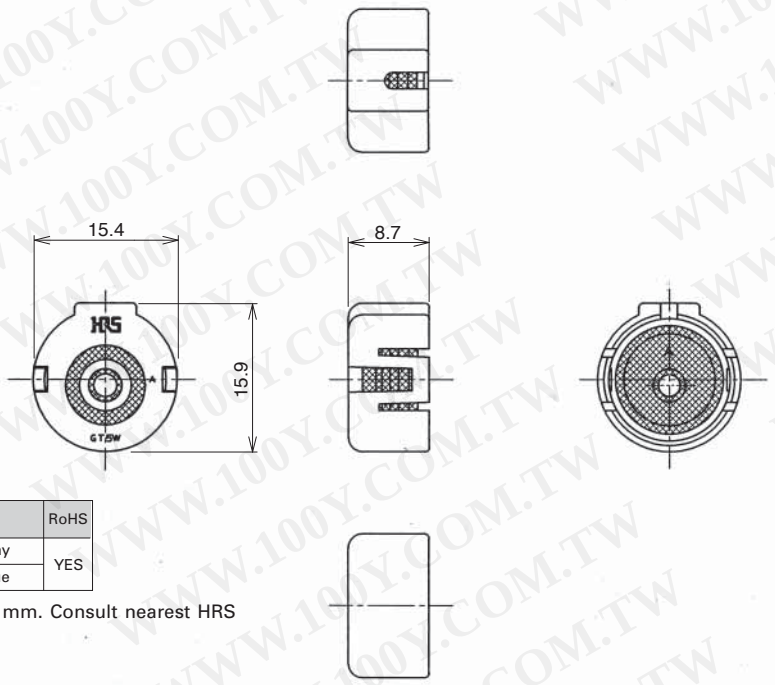
Housing



Part Number	CL No.	Material	Color	RoHS
GT5W-1S-HU	755-0027-2	PBT	Light gray	YES

Note: Specific retainer is determined by the type of the cable used.

Retainer (Used with GT5W-1PP-HU, GT5JW-1PP-HU, GT5W-1S-HU and GT5W-1P-HU)



Part Number	CL No.	Material	Color	RoHS
GT5W-1P/S-R	755-0028-5	PBT	Dark gray	YES
		Silicon rubber Compound	Dark blue	

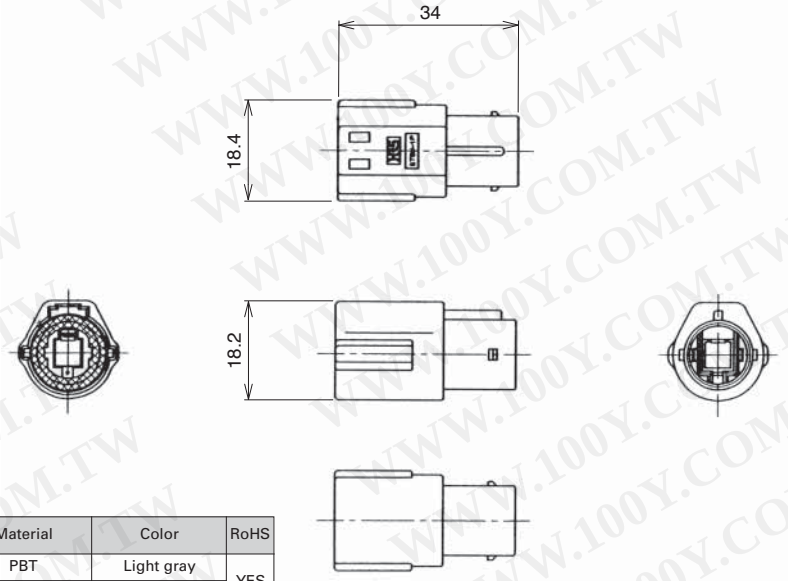
Note: Outer diameter of the cable must be within 2.9 to 3.4 mm. Consult nearest HRS representative for other diameters.

勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

M Connectors

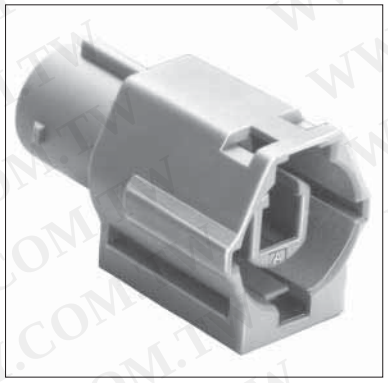
Housing

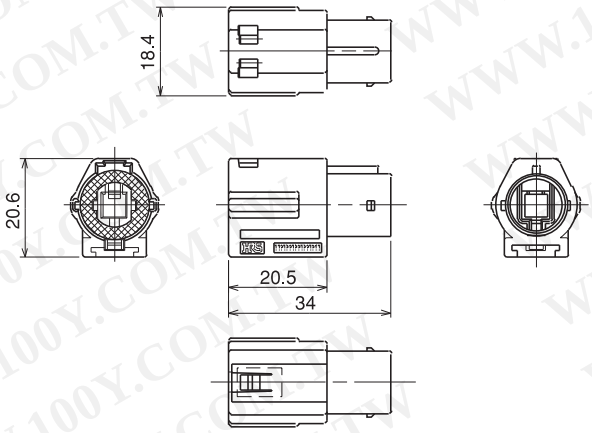


Part Number	CL No.	Part	Material	Color	RoHS
GT5W-1P-HU	755-0026-0	Housing	PBT	Light gray	YES
		Connector seal	Silicon rubber Compound	White	

Note: Use correct retainer.

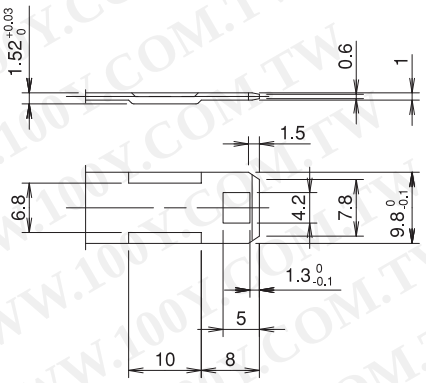
Housings - Bracket Mounting



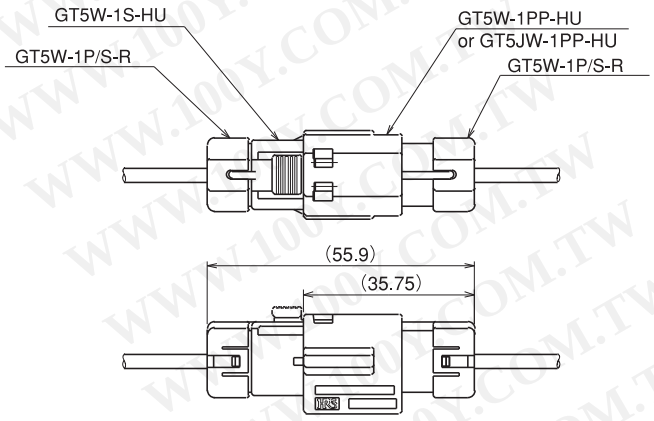


◆Recommended Bracket Dimensions Diagram(for GT5W-1PP-HU)

Please check elsewhere for information about the bracket for GT5JW-1PP-HU.



◆Mounted and fully mated connector assemblies

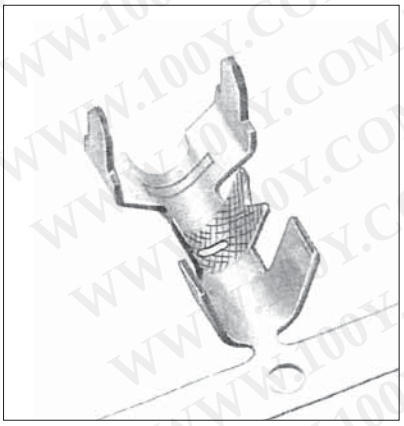


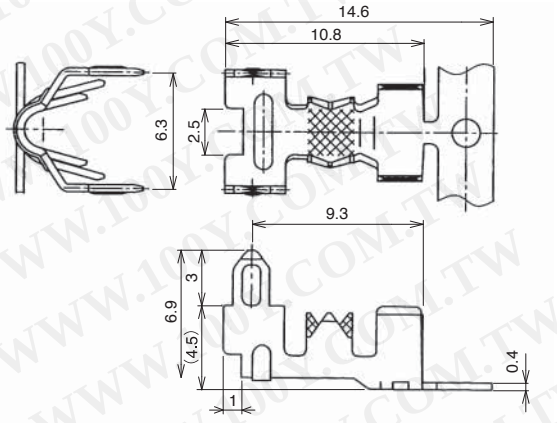
Part Number	CL No.	Part	Material	Color	RoHS
GT5W-1PP-HU	755-0070-1	Housing	PBT	Light gray	YES
GT5JW-1PP-HU	755-0069-2	Connector seal	Silicon rubber Compound	White	

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

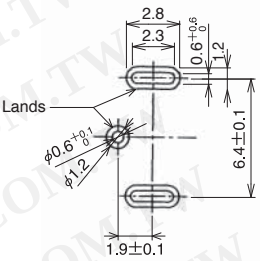
G Terminals

For Direct Coaxial Shielded Cable Termination

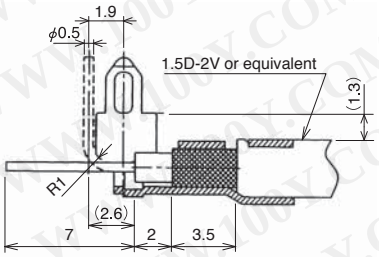




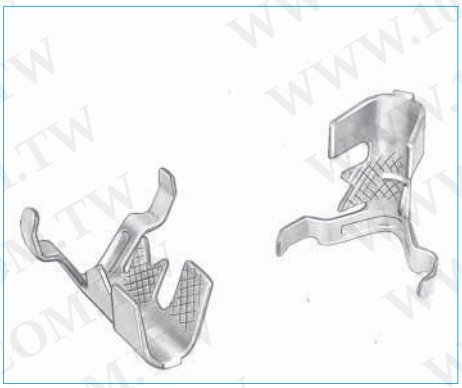
◆Board Termination Pattern



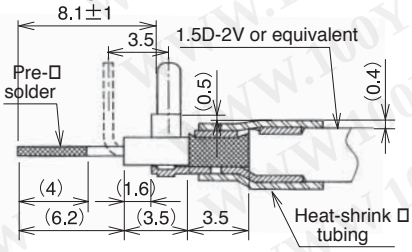
◆Recommended Completed Termination cross section

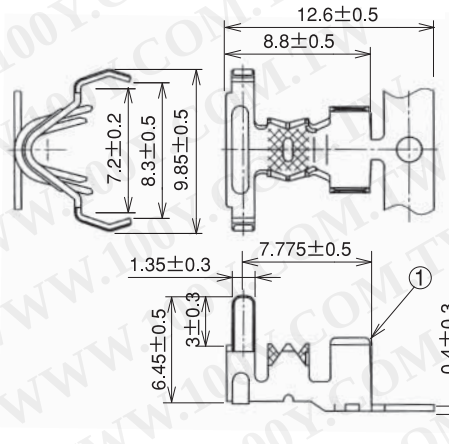


Part Number	CL No.	Material	Finish	Packaging	RoHS
GTA-1.6CF (70)	755-0032-2 -70	Brass	Tin plating	1,500 pcs. Per reel	YES

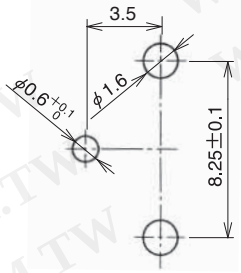


◆Completed Termination cross section

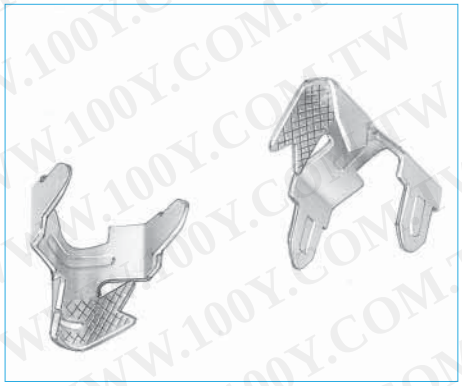




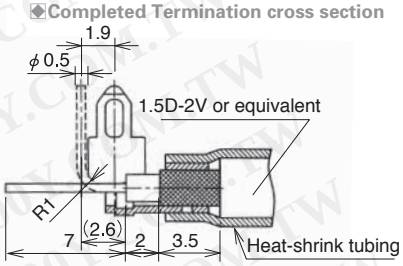
◆Board Termination Pattern

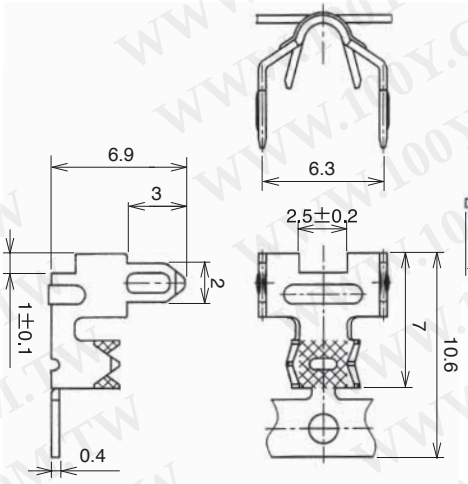


Part Number	CL No.	Material	Finish	Packaging	RoHS
GTB-1.6CF(70)	755-0049-5-70	Brass	Tin plating	1,500 pcs. Per reel	YES

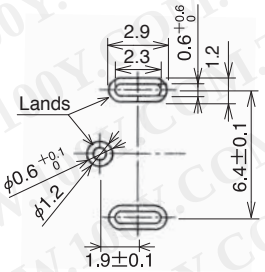


◆Completed Termination cross section





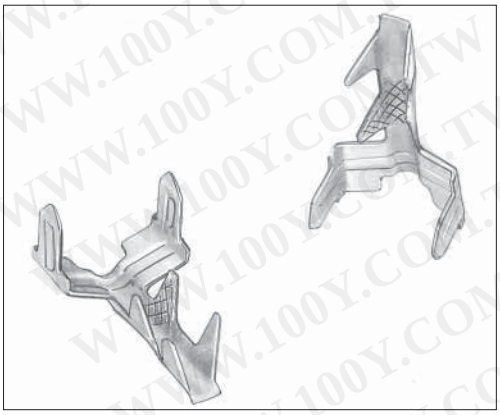
◆Board Termination Pattern

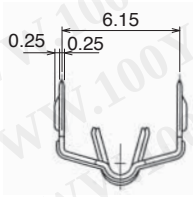


Part Number	CL No.	Material	Finish	Packaging	RoHS
G-1.6PCF(70)	755-0029-8-70	Brass	Tin plating	1,500 pcs. Per reel	YES

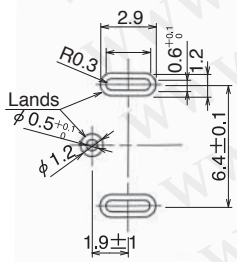
The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

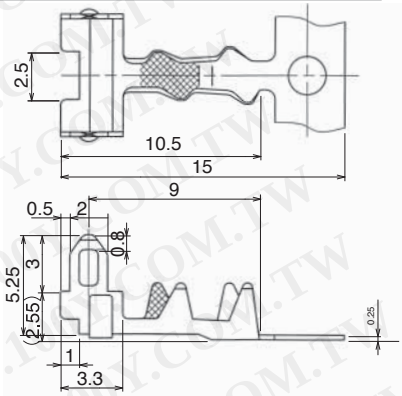
For Direct Coaxial Cable Termination



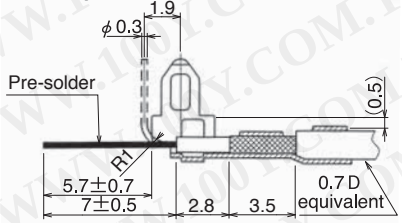


◆Recommended Board Termination Pattern

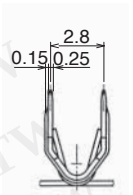




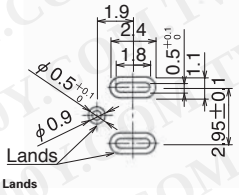
◆Completed Termination Cross Section



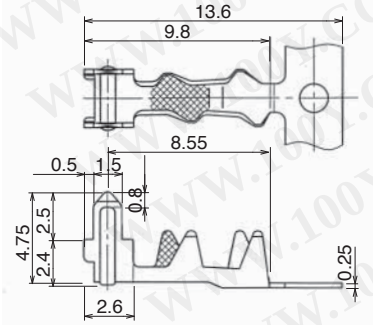
Part Number	CL No.	Material	Finish	Packaging	RoHS
GTA-0.7CF	755-0074-2	Brass	Tin plating	1,500 pcs. Per reel	YES



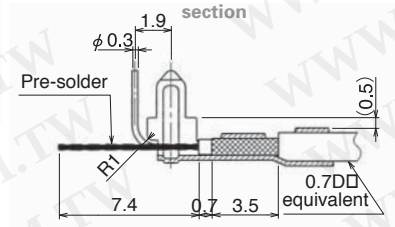
◆Recommended Board Termination Pattern



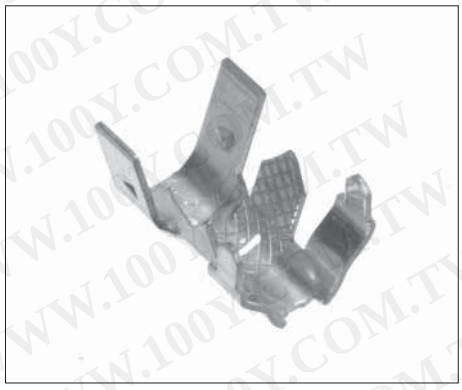
Lands

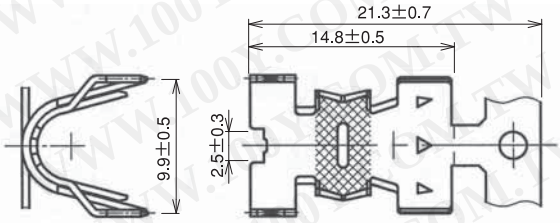


◆Recommended Completed Termination cross section

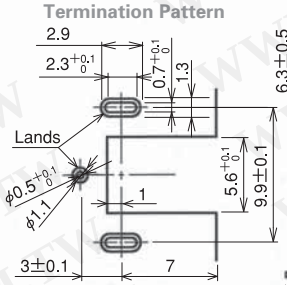


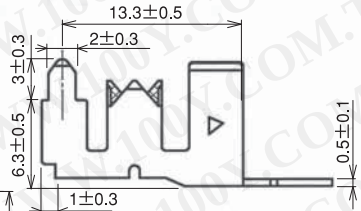
Part Number	CL No.	Material	Finish	Packaging	RoHS
GTB-0.7CF	755-0075-5	Brass	Tin plating	1,500 pcs. Per reel	YES



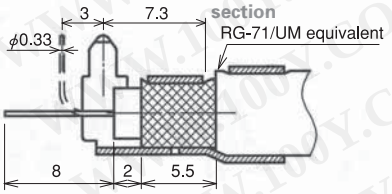


◆Recommended Board Termination Pattern





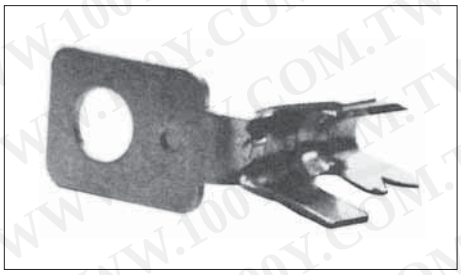
◆Recommended Completed Termination cross section

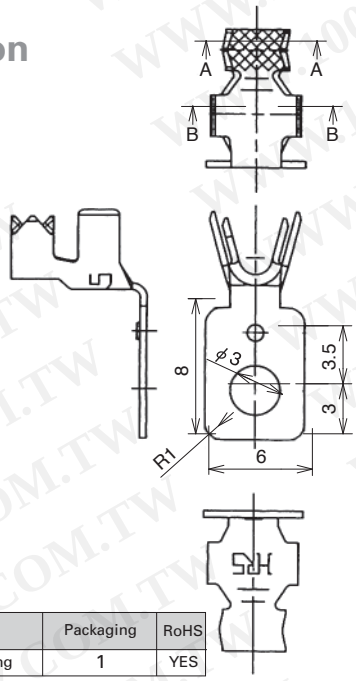


Part Number	CL No.	Material	Finish	Packaging	RoHS
GTE-3.7CF	755-0122-3	Brass	Tin plating	1,100 pcs. Per reel	YES

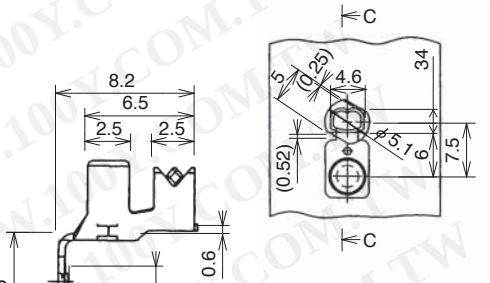
The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

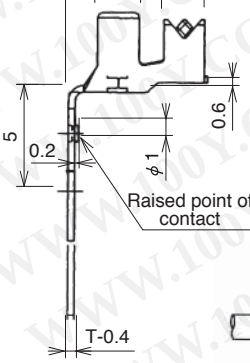
For Mid-Cable Termination



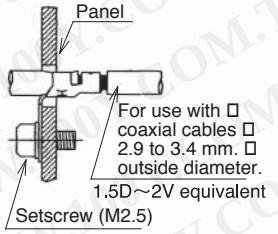


◆Recommended Panel Cut-out





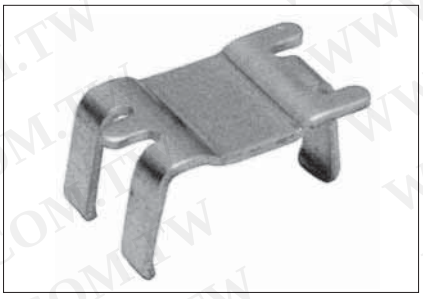
◆Attachment Diagram

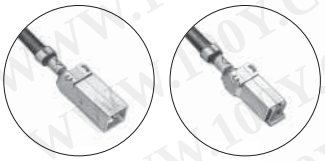


Part Number	CL No.	Material	Finish	Packaging	RoHS
GT-1.6PG-C(70)	755-0031-0-70	Brass	Tin plating	1	YES

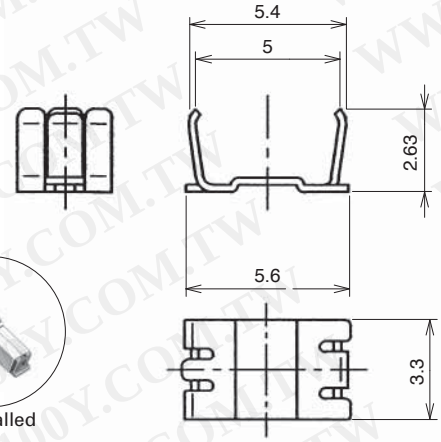
Bottom Shield cover

For Improved Electronic Noise Compatibility



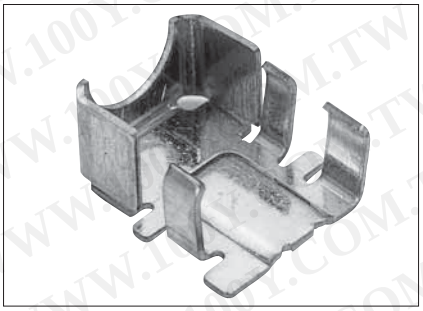


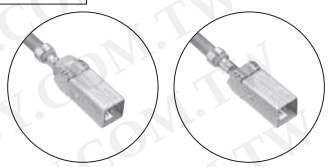
Mounted Condition Installed



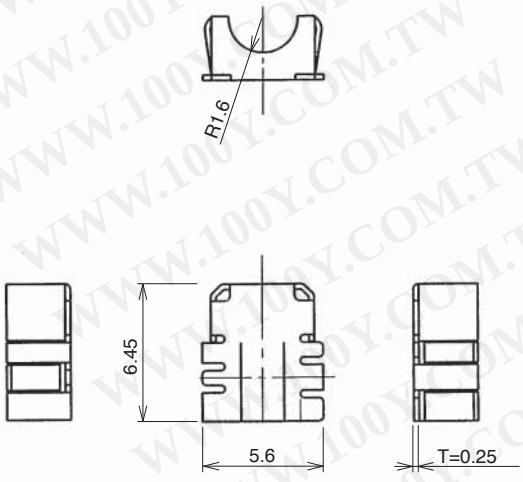
Part Number	CL No.	Material	Finish	RoHS
GT5-1P/S-CSB(70)	755-0048-2-70	Brass	Tin plating	YES

Top Shield cover





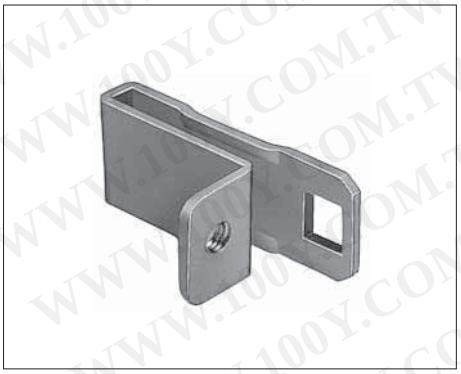
Mounted Condition Installed

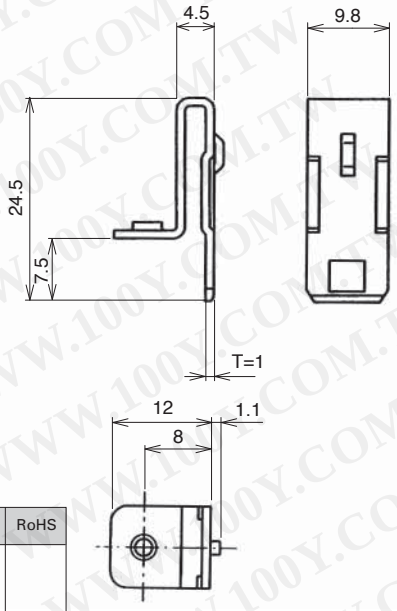


Part Number	CL No.	Material	Finish	RoHS
GT5C-1P-CSB(70)	755-0088-7-70	Brass	Tin plating	YES

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

Panel Mounting In-line Bracket





Part Number	CL No.	Material	Finish	Used with connectors	RoHS
GT-BK(70)	751-0039-6-70	SPCC	Tin plating	GT5-1PP-HU(70), GT5-1PP-HU(B)(70) GT5-1PP-HU(A)(70), GT5-1PP-HU(D)(70) GT5-1PP-HU(C)(70), GT5-1PP-HU(I)(70) GT5-1PP-HU(E)(70), GT5-1PP-HU(K)(70) GT5-1PP-HU(J)(70), GT5-2PP-HU(70) GT5-2/1PP-HU(70), GT5-2PP-HU(B)(70) GT5-2PP-HU(A)(70), GT5-2PP-HU(D)(70) GT5-2PP-HU(C)(70)	YES

Termination Tools

User's manuals are available. Please ask your Hirose Electric account representative.

Automatic crimping machine

Part Number CM-105

Specifications

Item	Specification	Remarks
Specification	1.5tons	
Stroke length	30mm	
Number of strokes	200spm(50Hz)	200spm(60Hz)
Weight	75kg	
Motor	0.2kW	AC100V
Crimping speed	2000 to 4000pcs. Per hour	

* Crimp height setting tables are available for each cable type. Please contact your nearest Hirose Electric account representative.
Different cables will require different crimp height settings.

勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

Harnes Tool

Name of Applicabe Terminal	Name of Applicabe Applicator	CL No.
GT5-30/0.7-1.5PCF(70)	AP105-GT5-30/0.7-1.5P	CL901-5021-8
GT5-30/0.7-1.5SCF(70)	AP105-GT5-30/0.7-1.5S	CL901-5080-7
GT5-2428/1.1-2.2SCF	AP105-GT5-2428/1.1-2.2S-ID	CL901-5171-0
GT5-2428/1.6-2.5PCF(70)	AP105-GT5-2428/1.6-2.5P	CL901-5100-2
GT5-2428/1.6-2.5SCF(70)	AP105-GT5-2428/1.6-2.5S	CL901-5101-5
GT5-30/1.6-2.9PCF(70)	AP105-GT5-30/1.6-2.9P-ID	CL901-5019-6
	AP105-GT5-30/1.6-2.9P	CL901-5017-0
	AP105-GT5-30/1.6-2.9P-A	CL901-5040-2
GT5-30/1.6-2.9SCF(70)	AP105-GT5-30/1.6-2.9S-ID	CL901-5020-5
	AP105-GT5-30/1.6-2.9S	CL901-5018-3
GT5-2428/1.6-2.9PCF(70)	AP105-GT5-2428/1.6-2.9P	CL901-5029-0
	AP105-GT5-2428/1.6-2.9PWS	CL901-5031-1
	AP105-GT5-2428/1.6-2.9P-B	CL901-5103-0
GT5-2428/1.6-2.9SCF(70)	AP105-GT5-2428/1.6-2.9S	CL901-5030-9
	AP105-GT5-2428/1.6-2.9SWS	CL901-5032-4
	AP105-GT5-2428/1.6-2.9S-B	CL901-5104-3
GT5-2022/1.6-2.9SCF(70)	AP105-GT5-2022/1.6-2.9S	CL901-5088-9
GT5-2022/F2.7-3.5PCF(70)	AP105-GT5-2022/F2.7-3.5P	CL901-5091-3
GT5-2022/F2.7-3.5SCF(70)	AP105-GT5-2022/F2.7-3.5S	CL901-5092-6
GT5-2022/F3.3-3.8PCF(70)	AP105-GT5-2022/F3.3-3.8P	CL901-5075-7
GT5-2022/F3.3-3.8SCF(70)	AP105-GT5-2022/F3.3-3.8S	CL901-5076-0
GT5-2428/F3.3-5PCF(70)	AP105-GT5-2428/F3.3-5P-ID	CL901-5037-8
GT5-2428/F3.3-5SCF(70)	AP105-GT5-2428/F3.3-5S-ID	CL901-5038-0
GT5-2022/F3.3-5PCF(70)	AP105-GT5-2022/F3.3-5P-ID	CL901-5058-8
	AP105-GT5-2022/F3.3-5P	CL901-5059-0
	AP105-GT5-2022/F3.3-5P2.2D-ID	CL901-5070-3
GT5-2022/F3.3-5SCF(70)	AP105-GT5-2022/F3.3-5S-ID	CL901-5060-0
	AP105-GT5-2022/F3.3-5S	CL901-5061-2
	AP105-GT5-2022/F3.3-5S2.2D-ID	CL901-5071-6
GT5-30/F4-5PCF(70)	AP105-GT5-30/F4-5P-ID	CL901-5033-7
GT5-30/F4-5SCF(70)	AP105-GT5-30/F4-5S-ID	CL901-5034-0
GT5-2428/F4-5PCF(70)	AP105-GT5-2428/F4-5P-ID	CL901-5035-2
	AP105-GT5-2428/F4-5P-3C2V	CL901-5056-2
GT5-2428/F4-5SCF(70)	AP105-GT5-2428/F4-5S-ID	CL901-5036-5
	AP105-GT5-2428/F4-5S-3C2V	CL901-5057-5
GT5-2022/F4-5PCF(70)	AP105-GT5-2022/F4-5P-ID	CL901-5054-7
	AP105-GT5-2022/F4-5P	CL901-5052-1
	AP105-GT5-2022/F4-5P-18ID	CL901-5121-2
	AP105-GT5-2022/F4-5P-RG58	CL901-5105-6
GT5-2022/F4-5SCF(70)	AP105-GT5-2022/F4-5S-ID	CL901-5055-0
	AP105-GT5-2022/F4-5S	CL901-5053-4
	AP105-GT5-2022/F4-5S-18ID	CL901-5102-8
	AP105-GT5-2022/F4-5S-RG58	CL901-5106-9
G-1.6PCF(70)	AP105-G-1.6P	CL901-5041-5
GTA-0.7CF	AP105-GTA・B-0.7P	
GTB-0.7CF	AP105-GTA・B-0.7P	
GTA-1.6CF(70)	AP105-GTA・B-1.6P	CL901-5047-1
GTB-1.6CF(70)	AP105-GTA・B-1.6P	CL901-5047-1

勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw