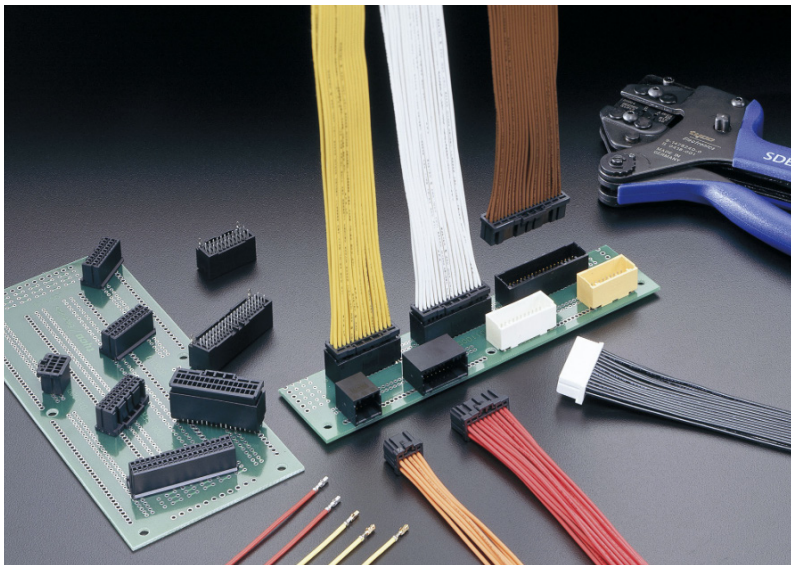
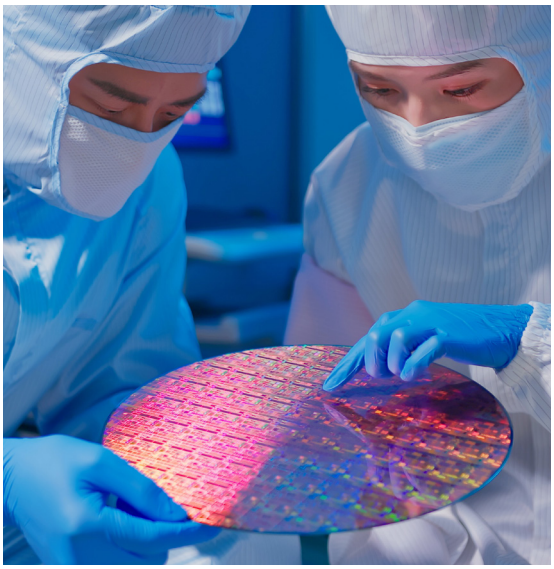
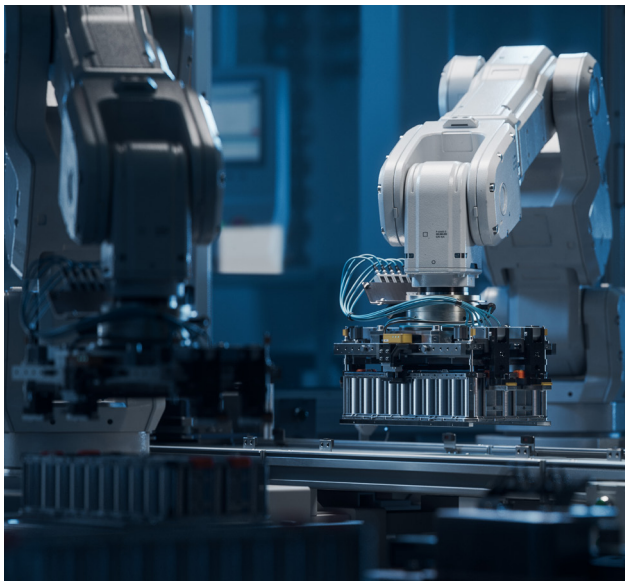
勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
https://www.100y.com.tw

DYNAMIC D-1000 SERIES

Catalogue 2026





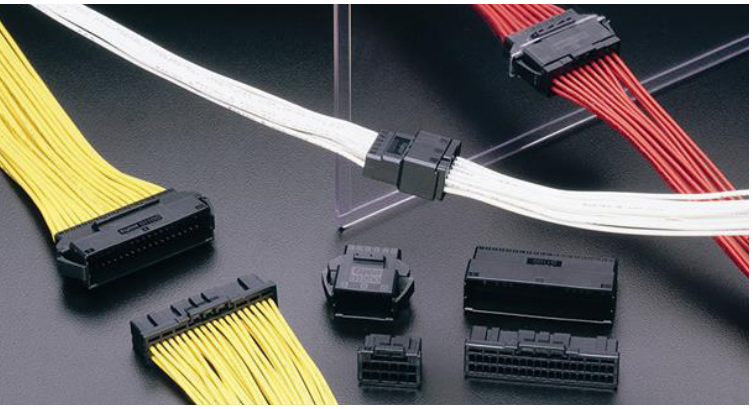




SERIES INTRODUCTION

Dynamic D-1000 Series consists of 3 different pitch sizes: 2.0mm standard type, 2.5mm high-voltage type and 3.5mm type. As market needs change, the D-1000 series will evolve to meet those demands.

Dynamic D-1000 Series has gold plated contacts to maintain its high reliability and also tin plated contacts for economical market needs. Customers can choose their own contacts according to specifications, applications and cost. Housing structure can effectively protect the contacts from being damaged during mating and unmating process. A clear locking sound can be available during the mating to ensure the full mating accomplishment for operators.



APPLICATIONS

- BESS / EVI
- Servo Drives
- Robotics
- Semi-conduct
- Automation control

Product Highlights

Wide Applicable Wire

Dynamic D-1000 series has wide applicable wire range of 30 AWG to 18 AWG with maximum 2.2 mm of outside diameter (D-1200/D-1500). Therefore there are no special safety concerns using it in electrical cabinets.

Housing and Contact Features

Housing products
Dynamic D-1000 series consists of D-1100 series with 2.0mm pitch, D-1200 series with 2.5mm pitch and D-1500/D1900 series with 3.5mm pitch. They can meet different voltage rating requirements. Connector housings support the positions from 2 to 40 in single row, double row and triple row to cover widely configurations.

Contact Products
Dynamic D-1000 series provide gold plating contact as standard version and also tin plating contact for economical market needs. Contacts can be chosen according to specifications, application, quality level and cost.

Product varieties

Dynamic D-1000 series D-1100 and D-1200 type provide some varieties to support higher contact retention force for BESS / EVI market and the latch protection receptacle housings for robotics market. Some headers are extended to the SMT and THR version to support reflow process.

Inheriting basic Dynamic series Features

Dynamic D-1000 series as the classic product series inherits the basic Dynamic series features such as

- Housing protection feature for contact system
- Clear marks on housing to show circuit and row number.
- Retention pegs on header
- Clear locking sound during mating and friendly mating/unmating experience

Dynamic D-1000 Series Performance and Specifications

Performance

Item \ Series	D-1100	D-1200	D-1500	D-1900
Pitch	2.0mm	2.5mm	3.5mm	3.5mm
Rated voltage	125V AC/DC	250V AC/DC	250V AC/DC	150V AC/DC
Rated current (max)	1 pos: 3A	1 pos: 5A	1 pos: 5A	1 pos: 4A
	With AWG22	(With AWG18)		With AWG18
Contact resistance	20mΩ Max			40mΩ Max
Withstanding voltage	1,000V AC	1,500V AC	1,500V AC	1,100V AC
Operating temperature	-55°C ~+105°C			-30°C ~+105°C

Product Specification and Instruction Sheet

Product Specifications		108-78268 (gold-plated)
		108-78298 (tin-plated)
		108-78336 (D-1900)
Applications Specifications		114-5377 (D-1100, D-1200, D-1500)
		411-78291(D-1900)
Crimping tool instruction sheet	Part number: 2119144-1	408-10414
	Part number: 2119141-1	
	Part number: 2119143-1	
	Part number: 2119142-1	
Extraction tool part number: 1891526-1 Extraction tool part number: 1891348-1 (D1900)		411-78241 411-78263 (D1900)

Positions / Wire size / Rated current

D-1100~1500 series

Positions	Wire Size (AWG)						
	18	20	22	24	26	28	30
1	5	4	3	2.5	2	1.5	1
2-20	3.5	2.7	2.5	2	1.5	1	0.8
21-40	—	—	2	1.5	1	0.8	0.5

Materials and Plating

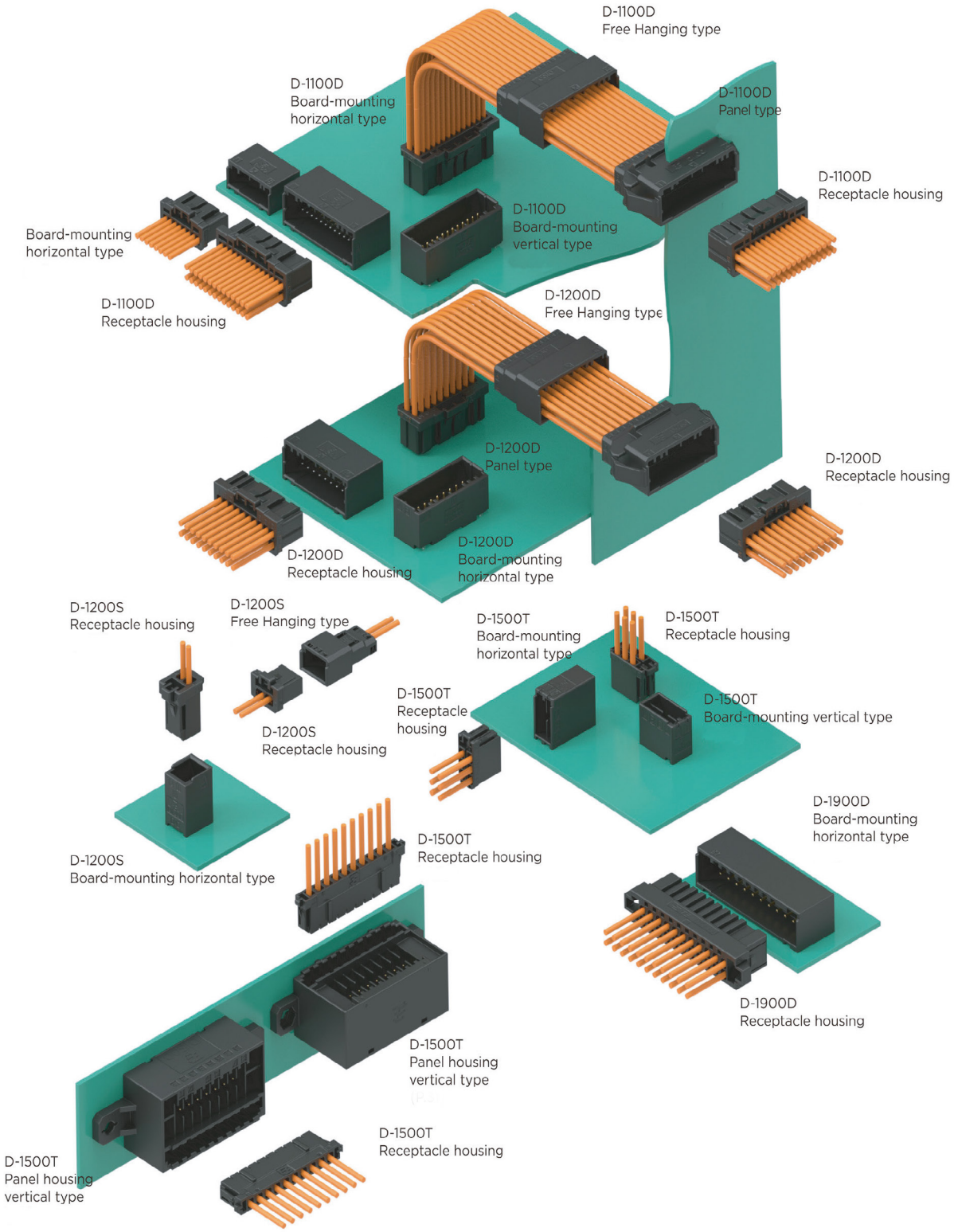
Category	Material	Finish
Receptacle Contacts Tab Contact	Copper alloy	Tin-plating or gold-plating over 1.27μm Nickel under-plated
Board Mount Header		Tin-plating or gold-plating over 1.27 μm Nickel under-plated 2.0 μm Tin-plating on tail side
Housing	UL94V-0, Thermoplastic PBT containing glass fiber	

Safety Standards *Remember to obtain Instruction Sheets when you choose to use these tools.

The safety specifications listed below are approved on specific part numbers. Please contact our sales department to check whether the part numbers you use are approved or not.

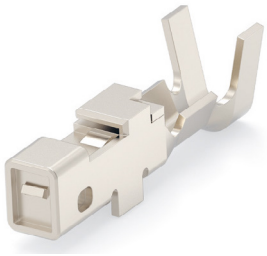
Series	D-1100			D-1200, D-1500			D-1900		
	Rated Voltage	Rated Current	Temperature Range	Rated Voltage	Rated Current	Temperature Range	Rated Voltage	Rated Current	Temperature Range
Product Specifications 108-78268	125V AC/DC	3A (1 pos)	-55°C ~+105°C	250V AC/DC	5A (1 pos)	-55°C~+105°C	150V AC/DC	4A (1 pos)	-30°C ~+105°C
UL File No.E247738	Based on requirements of Application		—	Based on requirements of Application		—	UL File No. E54800 (Partially)		—
Specifications TÜV	125V AC/DC	AWG / A(1pos): 22/3, 24/2.5, 26/2, 28/1.5, 30/1	-55°C ~+105°C	250V AC/DC	AWG / A(1pos): 18/5, 20/4, 22/3, 24/2.5, 26/2, 28/1.5, 30/1	-55°C ~+105°C	—	—	—

Dynamic D-1000 Series Product Family Overview

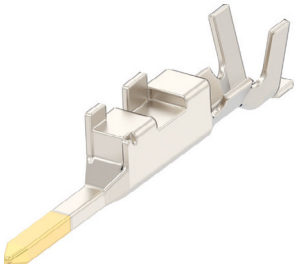


D-1000 Series Contact

Crimp Contacts



Receptacle Contact
(for Receptacle housing)



Tab contact
(for Tab housing)

Wire range				Plating	Receptacle Contact *2		TAB Contact *2		Application Toolings	
AWG	mm^2	Outer diameter of insulation mm	Wire Range mark		Strip Form *3	Loose Piece *4	Strip Form *3	Loose Piece *4	CCII hand tool *4	Mini Applicator *3
30 28	0.05 0.10	0.6-1.2	S	0.38µm Gold	1827569-2	1827586-2	1903111-2	1903115-2	2119144-1	2114042-2
				0.20µm Gold	1827569-4	1827586-4	1903111-4	1903115-4		
				Tin	—	—	—	—		
28 26 24 22	0.05 0.10 0.20 0.37	1.08-1.6	M	0.38µm Gold	1827570-2	1827587-2	1903112-2	1903116-2	2119141-1	2151082-1
				0.20µm Gold	1827570-4	1827587-4	1903112-4	1903116-4		
				Tin	1871303-1	1871743-1	1903120-1	1903124-1		
28 26 24 22	0.05 0.10 0.20 0.37	1.08-1.9	L *1	0.38µm Gold	1827571-2	1827588-2	1903113-2	1903117-2	2119143-1	2114043-2
				0.20µm Gold	1827571-4	1827588-4	1903113-4	1903117-4		
				Tin	1871304-1	1871744-1	1903121-1	1903125-1		
22 20 18	0.34-0.37 0.51-0.53 0.85-0.87	1.4-2.2	2L *1	0.38µm Gold	1827572-2	1827589-2	1903114-2	1903118-2	2119142-1	2151083-1
				0.20µm Gold	1827572-4	1827589-4	1903114-4	1903118-4		
				Tin	1871731-1	1871745-1	1903122-1	1903126-1		

Remarks:

*1 The contacts L and 2L do not fit into the D-1100 receptacle housing and tab housing.

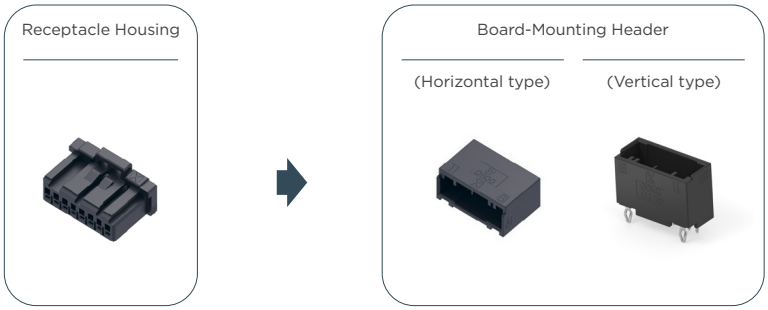
*2 Receptacle contacts are only available for receptacle housings, while the Tab contacts are only available for tab housings.

*3 Strip Form contacts are used with Mini-applicators

*4 Loose Piece contacts are used with hand tools.

D1100S Single-row Standard Types – 2mm pitch

Configurations

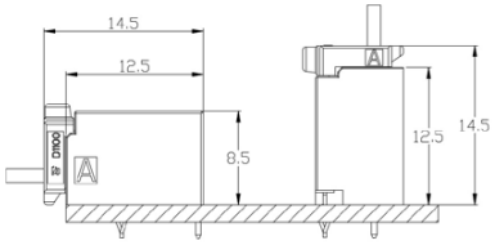


POS	Color	Key	Receptacle housing	Board-Mounting Header		
				Plating	Horizontal type	Vertical type
4	Black	X	1-1939758-4	0.38µm Gold	1-1939760-4	1-2394617-4
				Tin	1-1939761-4	1-2390471-4
	Black	Y	2-1939758-4	0.38µm Gold	2-1939760-4	2-2394617-4
				Tin	—	2-2390471-4
8	Black	X	1-1939758-8	0.38µm Gold	1-1939760-8	1-2394617-8
				Tin	—	1-2390471-8
	Black	Y	2-1939758-8	0.38µm Gold	2-1939760-8	2-2394617-8
				Tin	—	2-2390471-8
10	Black	X	1-1939758-0	0.38µm Gold	1-1939760-0	1-2394617-0
				Tin	1-1939761-0	1-2390471-0
	Black	Y	2-1939758-0	0.38µm Gold	2-1939760-0	2-2394617-0
				Tin	—	2-2390471-0
12	Black	X	1-1939758-1	Tin	—	1-2390471-1
16	Black	X	1-1939758-3	0.38µm Gold	—	1-2394617-3
				Tin	1-1939761-3	1-2390471-3
		Y	2-1939758-3	0.38µm Gold	—	2-2394617-3
				Tin	2-1939761-3	2-2390471-3

Relative Product Information

Applicable contact ...P.5
Performance & Specifications ...P.3
Applicable tools and accessories ... P.19-21

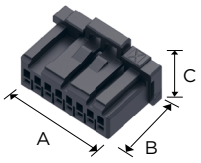
Mated Dimensions



D1100S Single-row Standard Types – 2mm pitch

External Dimensions

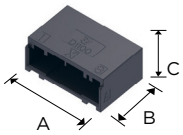
Receptacle Housing



POS	Key	Receptacle housing	Dimensions		
			A	B	C
4	X	1-1939758-4	8.9	11.3	9.15
	Y	2-1939758-4			
8	X	1-1939758-8	16.9		
	Y	2-1939758-8			
10	X	1-1939758-0	20.9		
	Y	2-1939758-0			
12	X	1-1939758-1	24.9		
	Y	2-1939758-1			
16	X	1-1939758-3	32.9		
	Y	2-1939758-3			

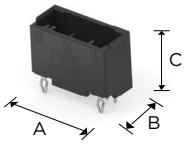
Board-Mounting Header

Horizontal type



POS	Key	Plating	Part Number	Dimensions		
				A	B	C
4	X	0.38µm Gold	1-1939760-4	10.6	12.5	8.5
		Tin	1-1939761-4			
	Y	0.38µm Gold	2-1939760-4			
		Tin	2-1939761-4			
8	X	0.38µm Gold	1-1939760-8	18.6		
		Tin	—			
	Y	0.38µm Gold	2-1939760-8			
		Tin	—			
10	X	0.38µm Gold	1-1939760-0	22.6		
		Tin	1-1939761-0			
	Y	0.38µm Gold	2-1939760-0			
		Tin	2-1939761-0			
16	X	Tin	1-1939761-3	34.6	12.5	8.5
	Y	Tin	2-1939761-3			

Vertical type

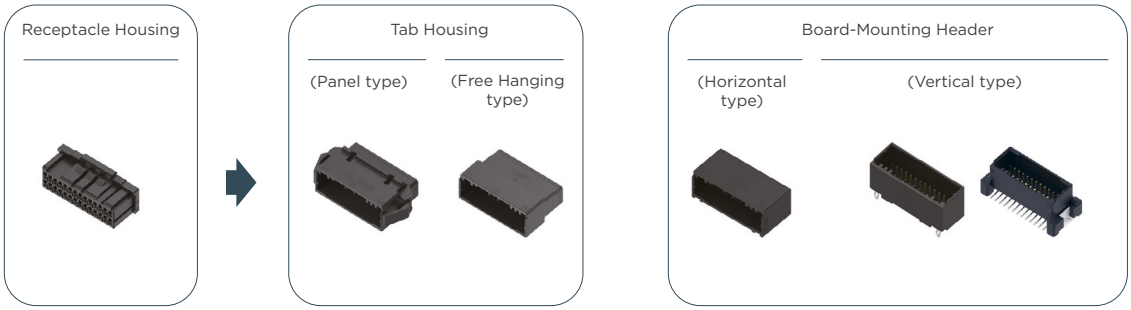


POS	Key	Plating	Part Number	Dimensions		
				A	B	C
4	X	0.38µm Gold	1-2394617-4	10.6	8.0	12.5
		Tin	1-2390471-4			
	Y	0.38µm Gold	2-2394617-4			
		Tin	—			
8	X	0.38µm Gold	1-2394617-8	18.6		
		Tin	1-2390471-8			
	Y	0.38µm Gold	2-2394617-8			
		Tin	2-2390471-8			
10	X	0.38µm Gold	1-2394617-0	22.6		
		Tin	1-2390471-0			
	Y	0.38µm Gold	2-2394617-0			
		Tin	—			
12	X	Tin	1-2390471-1	26.6		
16	X	0.38µm Gold	1-2394617-3	34.6		
		Tin	1-2390471-3			
	Y	0.38µm Gold	2-2394617-3			
		Tin	2-2390471-3			

Dimensions are in mm

D-1100D Double-row Standard Types – 2mm pitch

Configurations



POS	Key	Receptacle Housing		Tab Housing		Board-Mounting Header				
		Standard	High-retention force	Panel type	Free hanging type	Plating	Horizontal type	Vertical type		
							THT	THT	Reflow/THR	Reflow/SMT
10	X	1-1827862-5 9-1827862-5 *1	1-2333149-5	1-2069681-5	1-2069682-5	0.38µm Gold	1-1827873-5	1-2040516-5	-	-
						Tin	1-2271887-5	1-2341421-5	-	-
18	X	1-1827862-9	-	-	-	0.38µm Gold	-	1-2040516-9	-	-
						Tin	-	1-2341421-9	-	-
20	X	1-1827862-0	1-2333149-0	-	-	0.38µm Gold	1-1827873-0	1-2040516-0	-	-
						Pre-Tin	1-2379284-0	1-1554590-0	-	-
						Tin	1-2271887-0	1-2341421-0	-	-
22	X	1-1827863-1	1-2333134-1	1-1903128-1	1-1903127-1	0.38µm Gold	-	1-1827872-1	-	-
						Pre-Tin	-	1-1871315-1	-	-
24	X	1-1827863-2	1-2333134-2	-	-	0.38µm Gold	-	1-1827872-2	1-2429955-2	-
						Tin	-	1-1871315-2	-	-
	Y	2-1827863-2	-	-	-	0.38µm Gold	-	-	2-2429955-2	-
26	X	1-1827863-3	1-2333134-3	1-1903128-3	1-1903127-3 1-2468186-3 *2	0.38µm Gold	1-1939638-3	1-1827872-3	-	-
						0.76µm Gold	-	-	-	1-1939995-3 1-2339471-3*3
						Tin	1-2372488-3	1-1871315-3	-	-
	Y	2-1827863-3	-	-	-	0.76µm Gold	-	-	-	2-1939995-3
28	X	1-1827863-4	1-2333134-4	1-1903128-4	1-1903127-4	0.38µm Gold	1-1939638-4	1-1827872-4	-	-
						Tin	1-2372488-4	1-1871315-4	-	-
30	X	1-1827863-5	1-2333134-5	-	-	0.38µm Gold	1-1939638-5	1-1827872-5	-	-
						Tin	1-2372488-5	1-1871315-5	-	-
32	X	1-1827863-6	1-2333134-6	1-1903128-6	1-1903127-6	0.38µm Gold	-	1-1827872-6	-	-
						Tin	-	1-1871315-6	-	-
34	X	1-1827863-7	1-2333134-7	1-1903128-7	1-1903127-7	0.38µm Gold	1-1939638-7	1-1827872-7	-	-
						Tin	1-2372488-7	1-1871315-7	-	-
	Y	2-1827863-7	-	-	-	0.38µm Gold	-	2-1827872-7	-	-
						Tin	-	2-1871315-7	-	-
40	X	1-1827863-0	1-2333134-0	1-1903128-0	1-1903127-0	0.38µm Gold	1-1939638-0	1-1827872-0	-	-
						0.76µm Gold	-	-	-	1-1939995-0
						Tin	1-2372488-0	1-1871315-0	-	-
	Y	2-1827863-0	-	-	-	0.38µm Gold	-	2-1827872-0	-	-
						0.76µm Gold	-	-	-	2-1939995-0

*1 Latch protection version.
*2 High-retention force version.
*3 Tape and reel with cap package

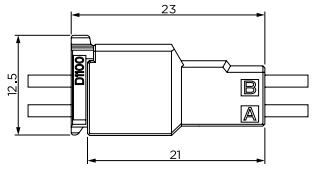
Relative Product Information

Applicable contact ...P.5
Performance & Specifications ...P.3
Applicable tools and accessories ... P.19-21

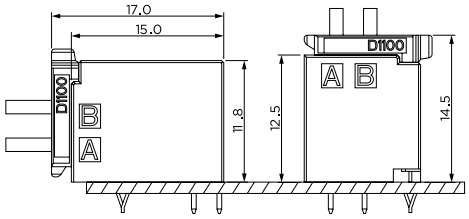
Dimensions are in mm

D-1100D Double-Row Standard Types — 2mm pitch

Mated Dimension



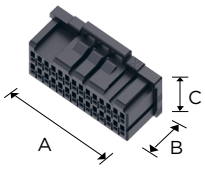
Panel/Free Hanging type



Horizontal/Vertical type

External Dimensions

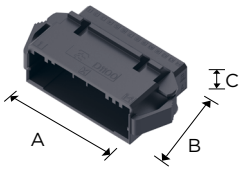
Receptacle Housing



Pos	Key	Part Number		Dimensions		
		Standard	High-retention force	A	B	C
10	X	1-1827862-5	1-2333149-5	12.6	11.3	12.5
		9-1827862-5				
18	X	1-1827862-9	-	20.6		
20	X	1-1827862-0	1-2333149-0	22.6		
22	X	1-1827863-1	1-2333134-1	24.6		
24	X	1-1827863-2	1-2333134-2	26.6		
	Y	2-1827863-2	-			
26	X	1-1827863-3	1-2333134-3	28.6		
	Y	2-1827863-3	-			
28	X	1-1827863-4	1-2333134-4	30.6		
30	X	1-1827863-5	1-2333134-5	32.6		
32	X	1-1827863-6	1-2333134-6	34.5		
34	X	1-1827863-7	1-2333134-7	36.6		
	Y	2-1827863-7	-			
40	X	1-1827863-0	1-2333134-0	42.6		
	Y	2-1827863-0	-			

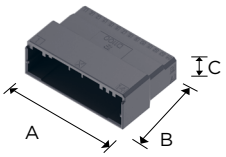
Tab housing

Panel type



Pos	Key	Part Number	Dimensions		
			A	B	C
10	X	1-2069681-5	22.1	21.0	13.9
22	X	1-1903128-1	34.1		
26	X	1-1903128-3	38.1		
28	X	1-1903128-4	40.1		
32	X	1-1903128-6	44.1		
34	X	1-1903128-7	46.1		
40	X	1-1903128-0	52.1		

Free Hanging type



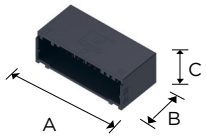
Pos	Key	Part Number Free hanging type	Dimensions		
			A	B	C
10	X	1-2069682-5	12.6	21.0	11.3
22	X	1-1903127-1	24.6		
26	X	1-1903127-3 1-2468186-3	28.6		
28	X	1-1903127-4	30.6		
32	X	1-1903127-6	34.6		
34	X	1-1903127-7	36.6		
40	X	1-1903127-0	42.6		

Dimensions are in mm

D-1100D Double row Standard Types – 2mm pitch

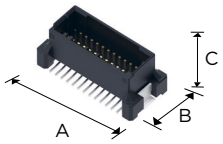
Board-Mounting Header

Horizontal type



Pos	Key	Plating	Part Number	W		
				A	B	C
10	X	0.38µm Gold	1-1827873-5	12.6	15.0	11.8
		Tin	1-2271887-5			
20	X	0.38µm Gold	1-1827873-0	22.6		
		Pre-Tin	1-2379284-0			
		Tin	1-2271887-0			
26	X	0.38µm Gold	1-1939638-3	28.6		
		Tin	1-2372488-3			
28	X	0.38µm Gold	1-1939638-4	30.6		
		Tin	1-2372488-4			
30	X	0.38µm Gold	1-1939638-5	32.6		
		Tin	1-2372488-5			
34	X	0.38µm Gold	1-1939638-7	36.6		
		Tin	1-2372488-7			
40	X	0.38µm Gold	1-1939638-0	42.6		
			1-2372488-0			

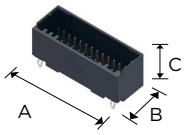
Vertical type (SMT)



Pos	Key	Plating	Part Number	Dimensions		
				A	B	C
26	X	0.76µm Gold	1-1939995-3 1-2339471-3 *2	34.6	16.3	13.5
	Y	0.76µm Gold	2-1939995-3			
40	X	0.76µm Gold	1-1939995-0	48.6		
	Y	0.76µm Gold	2-1939995-0			

*2 Package: Tape and reel with cap

Vertical type (Through hole)



Pos	Key	Plating	Part Number	Dimensions		
				A	B	C
10	X	0.38µm Gold	1-2040516-5	12.6	11.3	12.5
		Tin	1-2341421-5			
18	X	0.38µm Gold	1-2040516-9	20.6		
		Tin	1-2341421-9			
20	X	0.38µm Gold	1-2040516-0	22.6		
		Pre-Tin	1-1554590-0			
		Tin	1-2341421-0			
22	X	0.38µm Gold	1-1827872-1	24.6		
		Tin	1-1871315-1			
24	X	0.38µm Gold	1-1827872-2 1-2429955-2 *1	26.6		
		-				
	Y	0.38µm Gold	2-2429955-2 *1			
26	X	0.38µm Gold	1-1827872-3	28.6		
		Tin	1-1871315-3			
28	X	0.38µm Gold	1-1827872-4	30.6		
		Tin	1-1871315-4			
30	X	0.38µm Gold	1-1827872-5	32.6		
		Tin	1-1871315-5			
32	X	0.38µm Gold	1-1827872-6	34.6		
		Tin	1-1871315-6			
34	X	0.38µm Gold	1-1827872-7	36.6		
		Tin	1-1871315-7			
	Y	0.38µm Gold	2-1827872-7			
		Tin	2-1871315-7			
40	X	0.38µm Gold	1-1827872-0	42.6		
		Tin	1-1871315-0			
	Y	0.38µm Gold	2-1827872-0			

*1 Reflow/THR version

Dimensions are in mm

D-1200S Single Row/High Voltage Types – 2.5mm pitch

Configurations

Receptacle Housing



Tab Housing

(Free Hanging type)



Board-Mounting Header

(Vertical type)

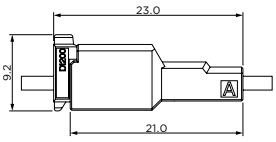


POS	Key	Receptacle housing			Tab housing		Board-Mounting Header		
		Standard	Latch-protected	High-retention force	Panel type	Free hanging type	Plating	Horizontal type	Vertical type
2	X	1-1871465-2	9-1871465-2	1-2443800-2	-	1-1903129-2	0.38µm Gold	—	1-1871468-2
							Tin	—	1-2348456-2

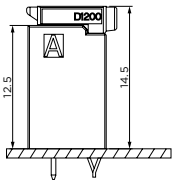
Relative Product Information

Applicable contact ...P.5
Performance & Specifications ...P.3
Applicable tools and accessories ... P.19-21

Mated Dimension



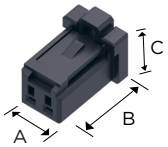
Free Hanging type



Vertical type

External Dimensions

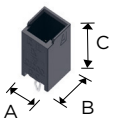
Receptacle Housing



Pos	Key	Part Number	Dimensions		
			A	B	C
2	X	1-1871465-2	7.6	11.3	9.2
		1-2443800-2			
		9-1871465-2			

Board-Mounting Header

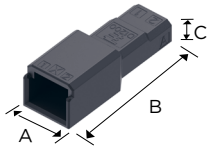
Vertical type



Pos	Key	Plating	Part Number	Dimensions		
				A	B	C
2	X	0.38µm Gold	1-1871468-2	7.6	8.0	12.5
		Tin	1-2348456-2			

Tab Housing

Free Hanging type

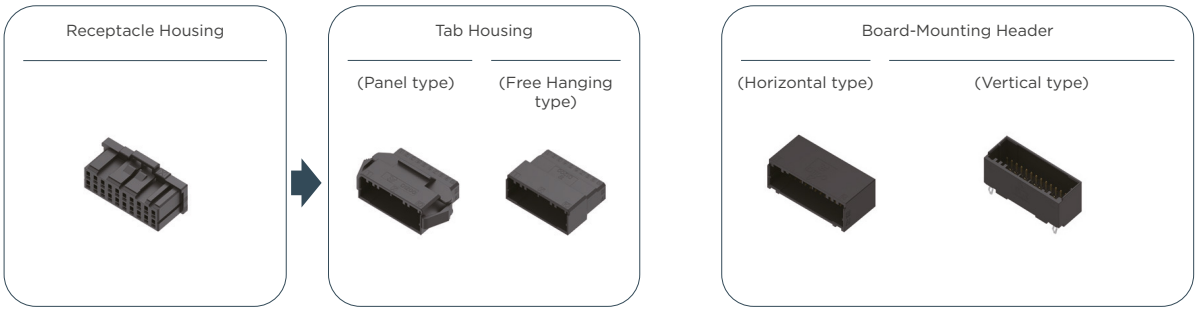


Pos	Key	Part Number	Dimensions		
			A	B	C
2	X	1-1903129-2	7.6	21.0	8.0

Dimensions are in mm

D-1200D Double Row High Voltage Types – 2.5mm pitch

Configurations



POS	Key	Receptacle housing			Tab housing		Board-Mounting Header			
		Standard	latch-protected	High-retention force	Panel type	Free hanging type	Plating	Horizontal type	Vertical type	
								Standard	Standard	Vertical Reflow/ THR
4	X	1-1827864-2	9-1827864-2	1-2349949-2	1-1903131-2	1-1903130-2	0.38µm Gold	1-1827876-2	1-1827875-2	1-2429946-2
							Tin	1-2348455-2	1-2348454-2	—
	Y	2-1827864-2	—	—	—	—	0.38µm Gold	2-1827876-2	2-1827875-2	—
6	X	1-1827864-3	9-1827864-3	1-2349949-3	1-1903131-3	1-1903130-3	0.38µm Gold	1-1827876-3	1-1827875-3	1-2429946-3
							Tin	1-2348455-3	1-2348454-3	—
	Y	2-1827864-3	—	—	2-1903131-3	2-1903130-3	0.38µm Gold	2-1827876-3	2-1827875-3	—
8	X	1-1827864-4	9-1827864-4	1-2349949-4	1-1903131-4	1-1903130-4	0.38µm Gold	1-1827876-4	1-1827875-4	1-2429946-4
							Tin	1-2348455-4	1-2348454-4	—
	Y	2-1827864-4	—	—	2-1903131-4	2-1903130-4	0.38µm Gold	2-1827876-4	2-1827875-4	—
10	X	1-1827864-5	—	—	—	—	0.38µm Gold	1-1827876-5	1-1827875-5	—
							Tin	—	1-2348454-5	—
	Y	2-1827864-5	—	—	—	—	0.38µm Gold	—	2-1827875-5	—
12	X	1-1827864-6	9-1827864-6	1-2349949-6	1-1903131-6	1-1903130-6 1-2468187-6*1	0.38µm Gold	1-1827876-6	1-1827875-6	—
							Tin	1-2348455-6	1-2348454-6	—
	Y	2-1827864-6	—	2-2349949-6	2-1903131-6	2-1903130-6 2-2468187-6*1	0.38µm Gold	—	2-1827875-6	—
16	X	1-1827864-8	—	—	—	—	0.38µm Gold	1-1827876-8	1-1827875-8	—
							Tin	—	1-2348454-8	—
	Y	2-1827864-8	—	—	—	—	0.38µm Gold	—	2-1827875-8	—
20	X	1-1827864-0	—	1-2349949-0	1-1903131-0	1-1903130-0	0.38µm Gold	1-1827876-0	1-1827875-0	—
							Tin	1-2348455-0	1-2348454-0	—
	Y	2-1827864-0	—	2-2349949-0	2-1903131-0	2-1903130-0	0.38µm Gold	2-1827876-0	2-1827875-0	—

*1 High-retention force version.

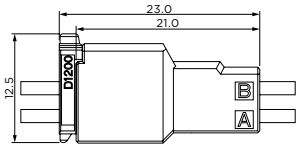
Relative Product Information

Applicable contact ...P.5
Performance & Specifications ...P.3
Applicable tools and accessories ... P.19-21

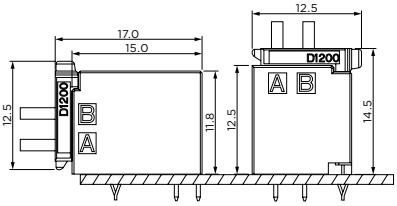
Dimensions are in mm

D-1200D Double-row High-voltage Types – 2.5mm pitch

Mated Dimension



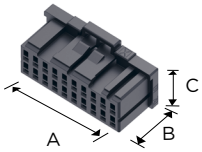
Panel /Free Hanging type



Horizontal /Vertical type

External Dimensions

Receptacle Housing



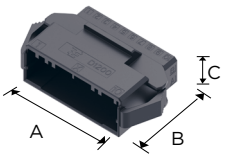
POS	Key	Part Number	Dimensions		
			A	B	C
4	X	1-1827864-2	7.6	11.3	12.5
		9-1827864-2 *1			12.7
		1-2349949-2 *2			12.5
	Y	2-1827864-2			12.5
6	X	1-1827864-3	10.1	11.3	12.5
		9-1827864-3*1			12.7
		1-2349949-3*2			12.5
	Y	2-1827864-3			12.5
8	X	1-1827864-4	12.6	11.3	12.5
		9-1827864-4 *1			12.7
		1-2349949-4 *2			12.5
	Y	2-1827864-4			12.5
10	X	1-1827864-5	15.1	11.3	12.5
	Y	2-1827864-5			12.5
12	X	1-1827864-6	17.6	11.3	12.5
		9-1827864-6 *1			12.7
		1-2349949-6 *2			12.5
	Y	2-1827864-6			12.5
		2-2349949-6 *2			
16	X	1-1827864-8	22.6	11.3	12.5
	Y	2-1827864-8			12.5
20	X	1-1827864-0	27.6	11.3	12.5
		1-2349949-0 *2			12.5
	Y	2-1827864-0			12.5
		2-2349949-0 *2			12.5

*1 Latch protection version

*2 High-retention force version

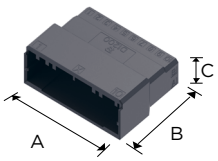
Tab Housing

Panel type



POS	Key	Part Number	Dimensions		
			A	B	C
4	X	1-1903131-2	17.1	21.0	13.9
6	X	1-1903131-3	19.6	21.0	
	Y	2-1903131-3			
8	X	1-1903131-4	22.1	21.0	
	Y	2-1903131-4			
12	X	1-1903131-6	27.1	21.0	
	Y	2-1903131-6			
20	X	1-1903131-0	37.1	21.0	
	Y	2-1903131-0			

Free Hanging type



POS	Key	Part Number	Dimensions		
			A	B	C
4	X	1-1903130-2	7.6	21.0	11.3
6	X	1-1903130-3	10.1		
	Y	2-1903130-3			
8	X	1-1903130-4	12.6		
	Y	2-1903130-4			
12	X	1-1903130-6	17.6		
		1-2468187-6*3			
	Y	2-1903130-6			
		2-2468187-6*3			
20	X	1-1903130-0	27.6		
	Y	2-1903130-0			

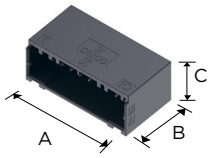
*3 High-retention force version

Dimensions are in mm

D-1200D Double Row High Voltage Types – 2.5mm pitch

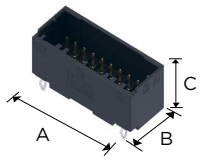
Board-Mounting Header

Horizontal type



POS	Key	Plating	Part Number	Dimensions		
				A	B	C
4	X	0.38µm Gold	1-1827876-2	7.6	15.0	11.8
		Tin	1-2348455-2			
	Y	0.38µm Gold	2-1827876-2			
6	X	0.38µm Gold	1-1827876-3	10.1		
		Tin	1-2348455-3			
	Y	0.38µm Gold	2-1827876-3			
8	X	0.38µm Gold	1-1827876-4	12.6		
		Tin	1-2348455-4			
	Y	0.38µm Gold	2-1827876-4			
10	X	0.38µm Gold	1-1827876-5	15.1		
12	X	0.38µm Gold	1-1827876-6	17.6		
		Tin	1-2348455-6			
16	X	0.38µm Gold	1-1827876-8	22.6		
20	X	0.38µm Gold	1-1827876-0	27.6		
		Tin	1-2348455-0			
	Y	0.38µm Gold	2-1827876-0			

Vertical type



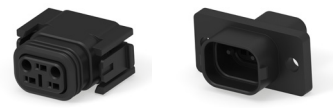
POS	Key	Plating	Part Number	Dimensions		
				A	B	C
4	X	0.38µm Gold	1-1827875-2	7.6	11.3	12.6
			1-2429946-2*			
		Tin	1-2348454-2			
	Y	0.38µm Gold	2-1827875-2			
6	X	0.38µm Gold	1-1827875-3	10.1		
			1-2429946-3*			
		Tin	1-2348454-3			
	Y	0.38µm Gold	2-1827875-3			
8	X	0.38µm Gold	1-1827875-4	12.6		
			1-2429946-4*			
		Tin	1-2348454-4			
	Y	0.38µm Gold	2-1827875-4			
10	X	0.38µm Gold	1-1827875-5	15.1		
		Tin	1-2348454-5			
	Y	0.38µm Gold	2-1827875-5			
12	X	0.38µm Gold	1-1827875-6	17.6		
		Tin	1-2348454-6			
	Y	0.38µm Gold	2-1827875-6			
16	X	0.38µm Gold	1-1827875-8	22.6		
		Tin	1-2348454-8			
	Y	0.38µm Gold	2-1827875-8			
20	X	0.38µm Gold	1-1827875-0	27.6		
		Tin	1-2348454-0			
	Y	0.38µm Gold	2-1827875-0			

* The product marked with "*" is through hole Reflow version.

FAN MOTOR WATER-PROOF 3P

Wire-To-Wire

Panel mount type

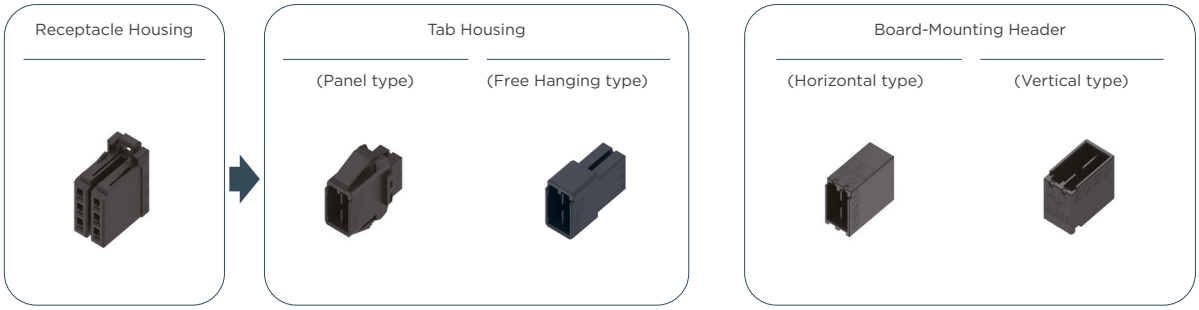


POS	Plug housing	Cap housing – Panel type	Product Specification
3	2013891-1	2013892-1	108-78519

Dimensions are in mm

D-1500T Triple-row High-voltage Modular Type – 3.5mm pitch

Configurations

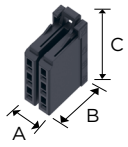


Pos	Key	Receptacle housing	Tab housing		Plating	Board-Mounting Header	
			Panel type	Free Hanging type		Horizontal type	Vertical type
3	X	1-1827579-1	—	1-2040444-1	0.38µm Gold	—	1-1827581-1
6	X	1-2069029-2	1-2040404-2	1-2040444-2	0.38µm Gold	1-1827583-2	1-1827581-2
9	X	1-2069029-3	—	1-2040444-3		—	1-1827581-3
12	X	1-2069029-4	—	1-2040444-4		—	1-1827581-4
36	X	—	3-2040404-2	—		—	—

Relative Product Information

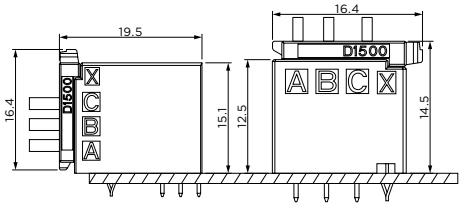
Applicable contact ...P.5
Performance & Specifications ...P.3
Applicable tools and accessories ... P.19-21

External Dimensions



Pos	Key	Part Number	Dimensions		
			A	B	C
3	X	1-1827579-1	3.3	11.3	16.4
6	X	1-2069029-2	6.8		
9	X	1-2069029-3	10.3		
12	X	1-2069029-4	13.8		

Mated Dimensions



Horizontal /Vertical type

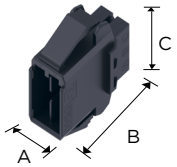
Dimensions are in mm

D-1500T Triple-row High-voltage Modular Type – 3.5mm pitch

External Dimensions

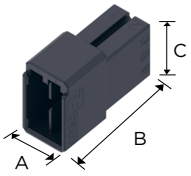
Tab Housing

Panel type



Pos	Key	Part Number	Dimensions		
			A	B	C
6	X	1-2040404-2	8.5	21.0	24.5
36	X	3-2040404-2	43.5		

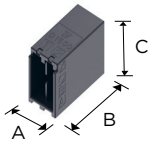
Free Hanging type



Pos	Key	Part Number	Dimensions		
			A	B	C
3	X	1-2040444-1	3.0	21.0	15.0
6	X	1-2040444-2	6.5		
9	X	1-2040444-3	10.0		
12	X	1-2040444-4	13.5		

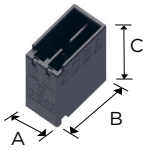
Board-Mounting Header

Horizontal type



Pos	Key	Plating	Part Number	Dimensions		
				A	B	C
6	X	0.38µm Gold	1-1827583-2	8.1	17.5	15.1

Vertical type

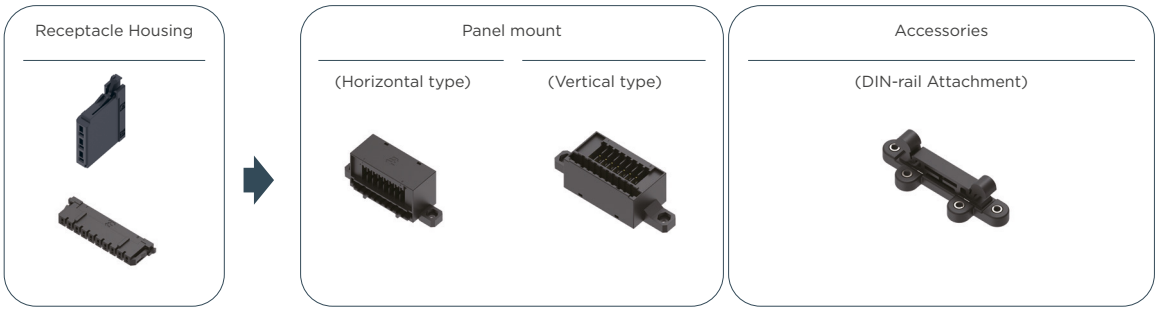


Pos	Key	Plating	Part Number	Dimensions		
				A	B	C
3	X	0.38µm Gold	1-1827581-1	4.6	14.6	12.5
6	X		1-1827581-2	8.1		
9	X		1-1827581-3	11.6		
12	X		1-1827581-4	15.1		

Dimensions are in mm

D-1500T Junction Box – 3.5mm pitch

Configurations



Pos	Key	Receptacle housing	Plating	Panel mount		Accessories
				Horizontal type	Vertical type	DIN-rail attachment
3	X	1-1827579-1	—	—	—	—
10	—	1971150-1	—	—	—	—
34	—	—	0.38µm Gold	1971151-1	1971151-2	1971182-1*

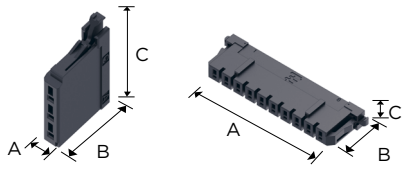
* 4 screws are needed for attaching connector into place

Relative Product Information

Applicable contact ...P.5
Performance & Specifications ...P.3
Applicable tools and accessories ... P.19-21

External Dimensions

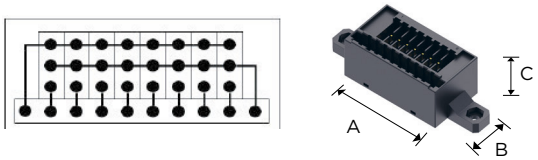
Receptacle Housing



Pos	Key	Part Number	Dimensions		
			A	B	C
3	X	1-1827579-1	3.3	11.3	16.4
10	—	1971150-1	42.2		4.6

Panel Mount

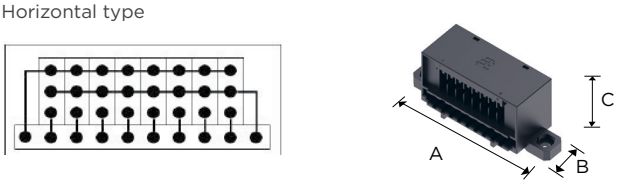
Vertical type



Pos	Key	Plating	Part Number	Dimensions		
				A	B	C
34	—	0.38µm Gold	1971151-2	64.8	22.8	18.2

Panel Mount

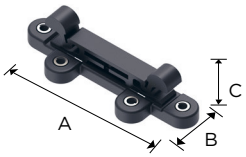
Horizontal type



Pos	Key	Plating	Part Num-ber	Dimensions		
				A	B	C
34	—	0.38µm Gold	1971151-1	57.7	18.7	24.6

Accessories

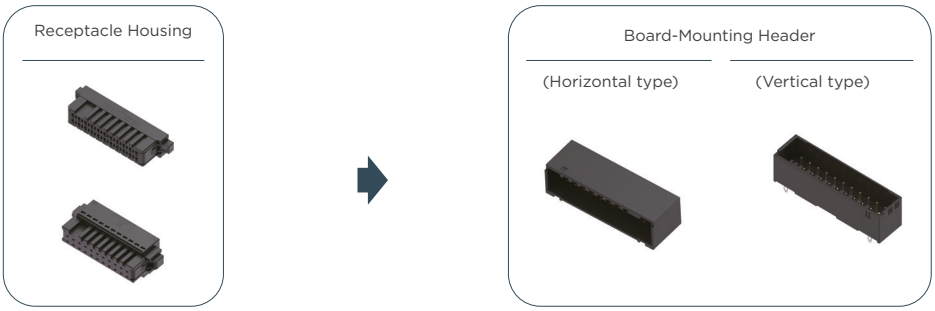
Pins to be mounted with a foot attachment



Pos	Key	Part Number	Dimensions		
			A	B	C
—	—	1971182-1	67.5	19.0	18.1

D-1900D Double-row Spring Clamp Type – 3.5mm pitch

Configurations

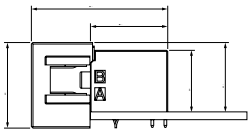


POS	Key	Receptacle housing		Plating	Board-Mounting Header	
		Crimp type	Spring clamp type		Horizontal type	Vertical type
8	X	1-1871946-4	1-1871940-4	0.38µm Gold	1-1871935-4	1-2013325-4
12	X	1-1871946-6	1-1871940-6	0.38µm Gold	1-1871935-6	1-2013325-6
16	X	1-1871946-8	1-1871940-8	0.38µm Gold	1-1871935-8	-
22	X	2-1871946-1	2-1871940-1	0.38µm Gold	2-1871935-1	2-2013325-1
30	X	2-1871946-5	2-1871940-5	0.38µm Gold	2-1871935-5	-
38	X	2-1871946-9	2-1871940-9	0.38µm Gold	2-1871935-9	-

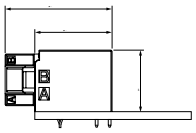
Relative Product Information

Applicable contact ...P.5
Performance & Specifications ...P.3
Applicable tools and accessories ... P.19-21

Mated Dimensions



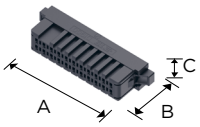
Receptacle connector – spring clamp type



Receptacle connector – crimp type

External Dimensions

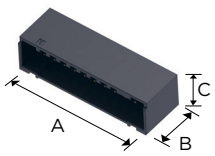
Receptacle Housing (Crimp type)



Pos	Key	Part Number	Dimensions		
			A	B	C
8	X	1-1871946-4	27.2	15.0	9.9
12	X	1-1871946-6	34.2		
16	X	1-1871946-8	41.2		
22	X	2-1871946-1	51.7		
30	X	2-1871946-5	65.7		
38	X	2-1871946-9	79.7		

Board-Mounting Header

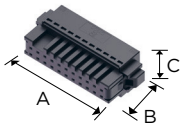
Horizontal type



Pos	Key	Plating	Part Number	Dimensions		
				A	B	C
8	X	0.38µm Gold	1-1871935-4	19.8	14.8	11.8
12	X		1-1871935-6	26.8		
16	X		1-1871935-8	33.8		
22	X		2-1871935-1	44.3		
30	X		2-1871955-5	58.3		
38	X		2-1871935-9	72.3		

Dimensions are in mm

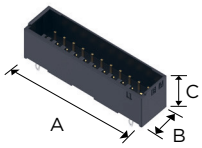
Receptacle Assembly (Spring clamp)



Pos	Key	Plating	Part Number	Dimensions		
				A	B	C
8	X	0.38µm Gold	1-1871940-4	25.2	20.6	16.4
12	X		1-1871940-6	32.2		
16	X		1-1871940-8	39.2		
22	X		2-1871940-1	49.7		
30	X		2-1871940-5	63.7		
38	X		2-1871940-9	77.7		

Board-Mounting Header

Vertical type



Pos	Key	Plating	Part Number	Dimensions		
				A	B	C
8	X	0.38µm Gold	1-2013325-4	20.2	11.5	12.5
12	X		1-2013325-6	26.8		
22	X		2-2013325-1	44.3		

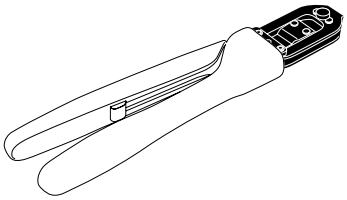
Dynamic D-1000 Series Tools and accessories

Hand Tools CERTI-CRIMP II, D-1000 Series Flip Locator

Crimp part, as well as the machine, are highly reliable, Straight action method is introduced.

- Handles are completely covered in urethane providing an easy grip and gentle on hands
- Wire ranges and crimping height control values are printed on the crimping head for easy confirmation while working. Also, the ratchet in the handle keeps crimping quality very consistent
- We recommend periodic maintenance when using hand crimping tools to keep crimping quality consistent





Dimensions are in mm

Keying plug and Contact cutting tool

Key Plug–equipped D-1000 Series



Part Number:1939588-1

Receptacle Contact Cutting Tool D-1000 Series

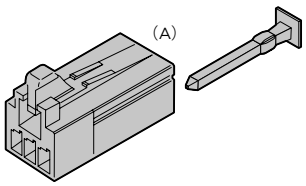


Part Number: 919041-3
Application Specification: 411-78047

How to use the plug and cutting tool

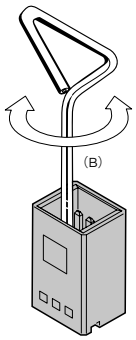
*It should be noted that some of the products to prevent mis-insertion, use keying mechanism from the beginning.

① Keying Plug inserted in one pole of the receptacle housing.



② Wrench off a tab in the corresponding position of mating Tab Header and empty that position. To wrench off the tab, insert Cutting Jig into its root and turn tool as shown.

**In tab Housing (Pane l/ free hanging type), 1 pole is not inserted and is left free.



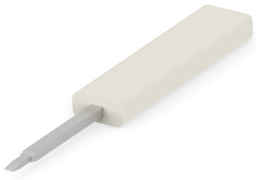
Extraction Tool for D-1000 Series

Used to pull D-1000 from the housing



Part Number:1891526-1
Manual: 411-78241

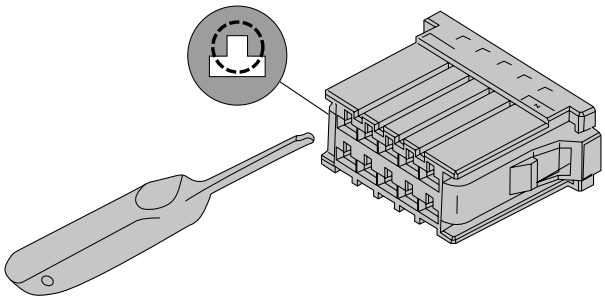
Extraction tool for D-1900 spring clamp type receptacle connector



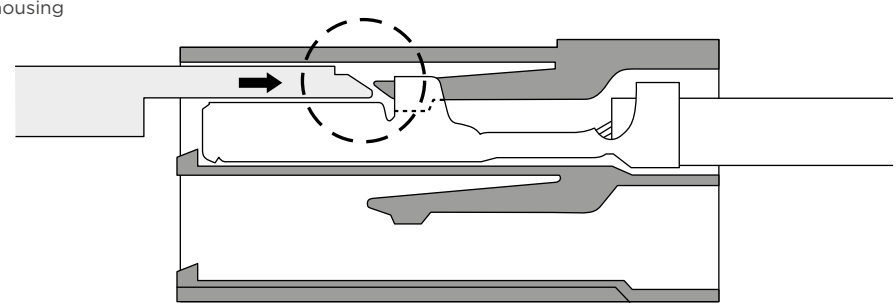
Part Number: 1891348-1
Manual: 411-78263

Using the extractor

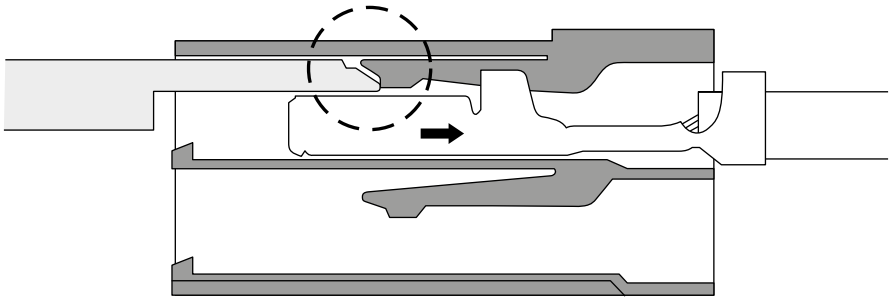
① Extractor tool is inserted into the small, upper part of the convex hole in the housing as shown in the diagram (please hold the tool the right way up)



② The tip of the tool lifts the housing lance and frees the contact



③ Contact can be with drawed



* Take care not to insert into the Contact Section. If you have inserted by error, replace the damaged contact with a new one before proceeding.

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