

<div>△1</div>	OBSOLETE	215032-1	2-170823-9	SEE 7 OF 13
		246225	2-170823-8	SEE 2 OF 13
<div>△1</div>	OBSOLETE	238035-3	2-170823-7	SEE 10 OF 13
	OBSOLETE	235818	2-170823-5	SEE 12 OF 13
	OBSOLETE	234018-4	2-170823-4	SEE 13 OF 13
	OBSOLETE	234025-1	2-170823-3	
	<div>△1</div> OBSOLETE	234030-1	2-170823-2	
		230032-1	2-170823-1	SEE 9 OF 13
		238035-2	2-170823-0	SEE 10 OF 13
		238035-1	1-170823-9	
		238032-1	1-170823-8	
<div>△1</div>	OBSOLETE	238020-1	1-170823-7	
		238038	1-170823-6	
		238035	1-170823-5	SEE 12 OF 13
		235825-1	1-170823-4	
		235822	1-170823-3	
		234018-2	1-170823-2	SEE 13 OF 13
		234018-1	1-170823-1	
		234030	1-170823-0	
		234018	170823-9	
		234016	170823-8	
<div>△1</div>	OBSOLETE	238060	170823-7	SEE 10 OF 13
		238048	170823-6	
		238032	170823-4	
		238020	170823-3	
		238025	170823-2	
		234025	170823-1	SEE 13 OF 13
		SHINAGAWA SHOKO PN	PN	REMARK

		24623204	5-170823-8	SEE 2 OF 13
		248550	5-170823-7	SEE 3 OF 13
		246230	5-170823-6	SEE 2 OF 13
		234025-4	5-170823-4	SEE 13 OF 13
		234028	5-170823-3	
		224222	5-170823-1	SEE 8 OF 13
<div>△1</div>	OBSOLETE	246232-1	5-170823-0	SEE 2 OF 13
		238040	4-170823-9	SEE 10 OF 13
		238025-2	4-170823-8	
		238025-1	4-170823-7	
<div>△1</div>	OBSOLETE	234025-3	4-170823-6	SEE 13 OF 13
	OBSOLETE	234025-2	4-170823-5	
		248525	4-170823-4	SEE 3 OF 13
<div>△1</div>	OBSOLETE	215025W	4-170823-3	SEE 6 OF 13
	OBSOLETE	236525W	4-170823-2	SEE 5 OF 13
		236525	4-170823-1	SEE 11 OF 13
	OBSOLETE	234025W	4-170823-0	SEE 5 OF 13
		246232	3-170823-8	SEE 2 OF 13
	OBSOLETE	230025W	3-170823-7	SEE 4 OF 13
	OBSOLETE	238025W	3-170823-6	SEE 5 OF 13
	<div>△1</div> OBSOLETE	215028	3-170823-5	SEE 7 OF 13
		224228	3-170823-4	SEE 8 OF 13
		215032W	3-170823-3	SEE 6 OF 13
	OBSOLETE	238032-3	3-170823-2	SEE 10 OF 13
	OBSOLETE	238032-2	3-170823-1	
		SHINAGAWA SHOKO PN	PN	REMARK

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
<http://www.100y.com.tw>

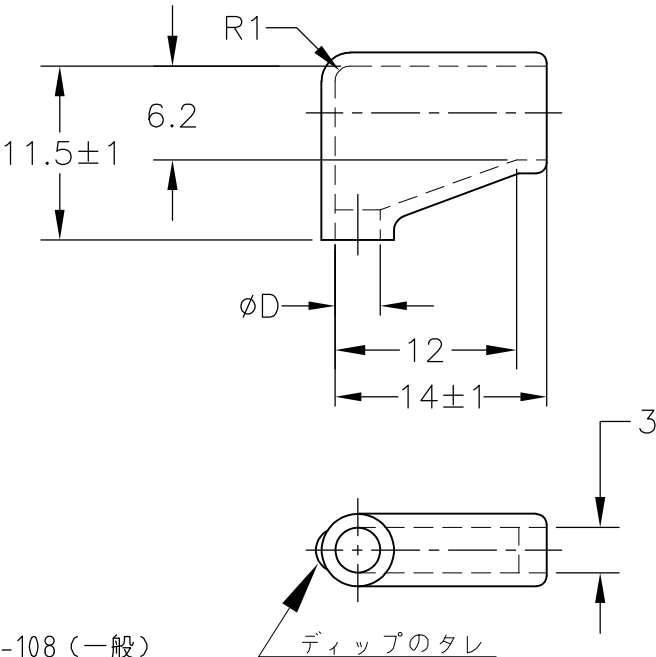
X-170892-X	SEE 170892
X-170893-X	SEE 170893
X-170887-X	SEE 170887
X-170889-X	SEE 170889
X-170888-X	SEE 170888
X-170890-X	SEE 170890
X-170891-X	SEE 170891
PN	REMARK

△1

 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A. YAMAGUCHI 31AUG00		<div><div>TE</div>TE Connectivity</div>					
CHK D. MATSUURA 31AUG00		APVD K. BETSUI 31AUG00				NAME 名称			
APVD		PRODUCT SPEC 製品規格							
APPLICATION SPEC 取付適用規格		WEIGHT							
DIMENSIONS: 単位： 耗 mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		SIZE		CAGE CODE	DRAWING NO 番号	RESTRICTED TO	
<div><div></div><div></div></div>		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		A3		00779	C-170823	—	
MATERIAL 材料		FINISH 仕上		CUSTOMER DRAWING		SCALE 尺度 1:1		SHEET 1 OF 13	REV H4

LOC	DIST	REVISIONS 変更				
		P	LTR	DESCRIPTION		DATE
J	—			SEE SHEET 1		—



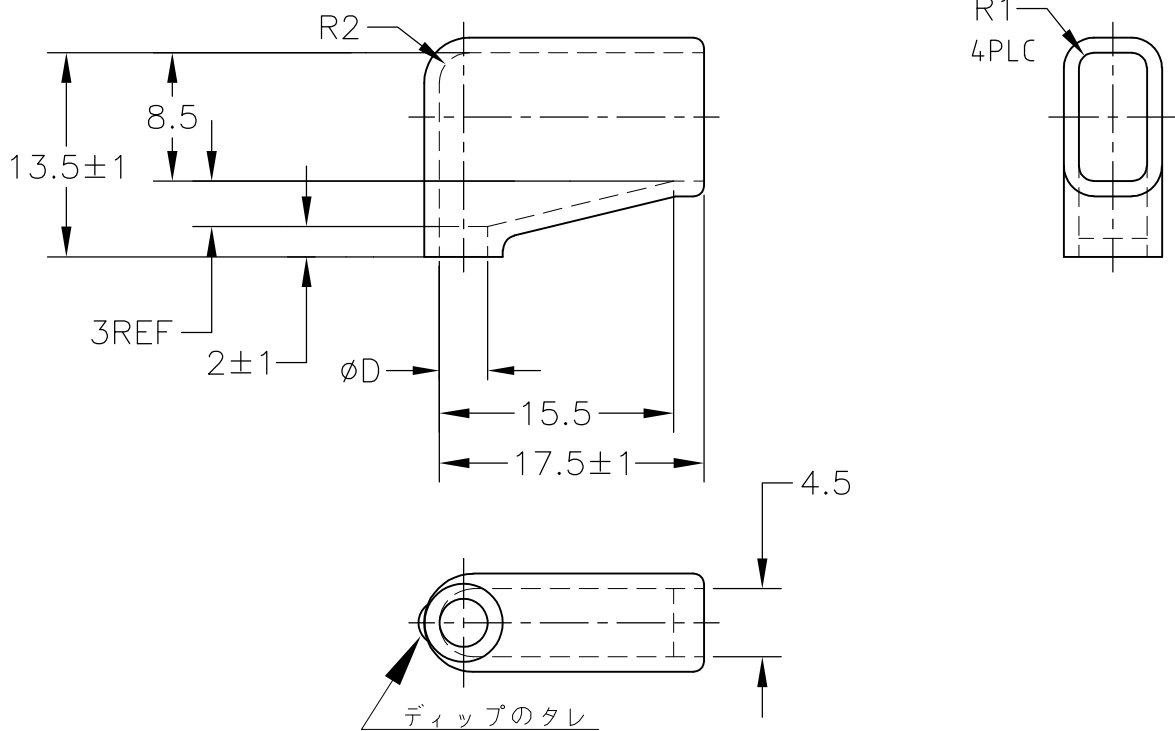
- 1. 材質：SS-108（一般）
- 2. 一般公差：±0.5
- 3. 適用製品規格は無し
- △ 品川商工発行のカタログと本図で寸法が異なる場合は本図を優先する。
- 5. この製品の名称は旗型コネクトスリーブ187シリーズ

- 1. MATERIAL:SS-108(GENERAL)
- 2. GENERAL TOLERANCE: ±0.5
- 3. APPLICABLE PRODUCT SPEC NOT AVAILABLE
- △ IN THE EVENT OF CONFLICT BETWEEN THE REQUIREMENTS OF THIS CUSTOMER DRAWING AND THE SHINAGAWA SHOKO CO LTD CATALOG THIS CUSTOMER DRAWING SHALL TAKE PRECEDENCE
- 5. THIS PRODUCT NAME FLAG TYPE CONNECT SLEEVE FOR 187 SERIES
- △ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

<div>△ OBSOLETE</div>	BLACK	$1^{+0.3}_{-0.2}$	3.2	24623204	5-170823-8
	CLEAR		3	246230	5-170823-6
			3.2	246232-1	5-170823-0
			3.2	246232	3-170823-8
			2.5	246225	2-170823-8
	COLOR	THICKNESS	φ D	△ SHINAGAWA SHOKO PN	PART NUMBER

DIMENSIONS: 単位： 耗 mm	DWN A. YAMAGUCHI 31AUG00	MATERIAL 材料 —	FINISH 仕上 —
	CHK D. MATSUURA 31AUG00	<div> TE Connectivity</div>	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差	APVD K. BETSUI 31AUG00		
	PRODUCT SPEC 製品規格 —	NAME 名称 INSULATION SLEEVE	
0 PLC ± —	APPLICATION SPEC 取付適用規格 —	SIZE A4	CAGE CODE 00779
1 PLC ± —		DRAWING NO 番号 C-170823	RESTRICTED TO —
2 PLC ± —	WEIGHT —	CUSTOMER DRAWING	
3 PLC ± —			
4 PLC ± —		SCALE 尺度 2:1	
ANGLES ± —			
		SHEET 2 OF 13	REV H4

LOC	DIST	REVISIONS 変更					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
J	—		—	SEE SHEET 1	—	—	—

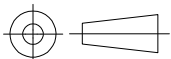


1. 材質：SS-108（一般）
2. 一般公差：±0.5
3. 適用製品規格は無し
- △4 品川商工発行のカタログと本図で寸法が異なる場合は本図を優先する。
5. この製品の名称は旗型コネクトスリーブ 250シリーズ

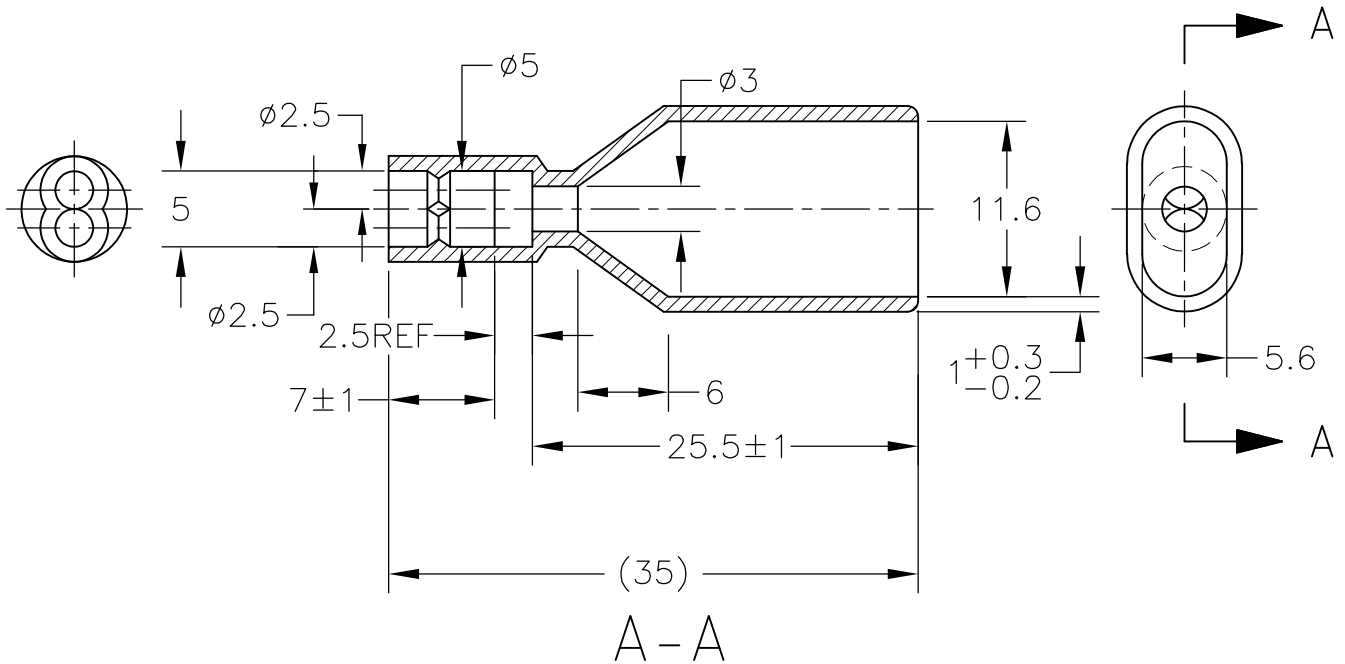
1. MATERIAL:SS-108(GENERAL)
2. GENERAL TOLERANCE: ±0.5
3. APPLICABLE PRODUCT SPEC NOT AVAILABLE
- △4 IN THE EVENT OF CONFLICT BETWEEN THE REQUIREMENTS OF THIS CUSTOMER DRAWING AND THE SHINAGAWA SHOKO CO LTD CATALOG THIS CUSTOMER DRAWING SHALL TAKE PRECEDENCE
5. THIS PRODUCT NAME FLAG TYPE CONNECT SLEEVE FOR 250 SERIES
- △6 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

△6	OBSOLETE	CLEAR	1±0.3	5	248550	5-170823-7
	OBSOLETE			2.5	248525	4-170823-4
	COLOR	THICKNESS	φ D	△ SHINAGAWA SHOKO PN	PART NUMBER	

DIMENSIONS: 単位： 耗 mm	DWN A. YAMAGUCHI 31AUG00	MATERIAL 材料 —	FINISH 仕上 —
	CHK D. MATSUURA 31AUG00	 TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差	APVD K. BETSUI 31AUG00		
	PRODUCT SPEC 製品規格 —	NAME 名称 INSULATION SLEEVE	
0 PLC ± —	APPLICATION SPEC 取付適用規格 —	SIZE A4	CAGE CODE 00779
1 PLC ± —	WEIGHT —	DRAWING NO 番号 C-170823	RESTRICTED TO —
2 PLC ± —		CUSTOMER DRAWING	
3 PLC ± —		SCALE 尺度 2:1	SHEET 3 OF 13
4 PLC ± —			REV H4
ANGLES ± —			



LOC	DIST	REVISIONS 変更					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
J	—		—	SEE SHEET 1	—	—	—



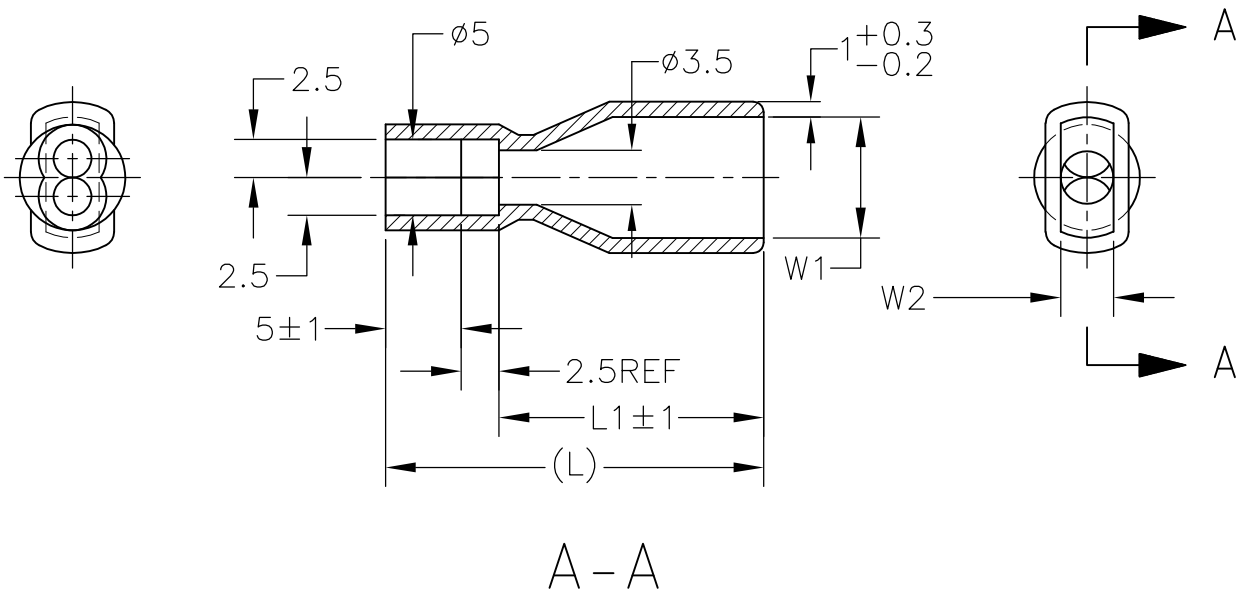
1. 材質：SS-108（一般）
2. 一般公差：±0.5
3. 適用製品規格は無し
4. 品川商工発行のカタログと本図で寸法が異なる場合は本図を優先する。
5. この製品の名称はコネクタスリーブ AMP00シリーズ

1. MATERIAL:SS-108(GENERAL)
2. GENERAL TOLERANCE: ±0.5
3. APPLICABLE PRODUCT SPEC NOT AVAILABLE
4. IN THE EVENT OF CONFLICT BETWEEN THE REQUIREMENTS OF THIS CUSTOMER DRAWING AND THE SHINAGAWA SHOKO CO LTD CATALOG THIS CUSTOMER DRAWING SHALL TAKE PRECEDENCE
5. THIS PRODUCT NAME FLAG TYPE CONNECT SLEEVE AMP00 SERIES

OBSOLETE	CLEAR	230025W	3-170823-7
	COLOR	△ SHINAGAWA SHOKO PN	PART NUMBER

DIMENSIONS: 単位： 耗 mm	DWN A. YAMAGUCHI 31AUG00	MATERIAL 材料 —	FINISH 仕上 —
	CHK D. MATSUURA 31AUG00	 TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差	APVD K. BETSUI 31AUG00		
	PRODUCT SPEC 製品規格 —	NAME 名称 INSULATION SLEEVE	
0 PLC ± —	APPLICATION SPEC 取付適用規格 —	SIZE A4	CAGE CODE 00779
1 PLC ± —	WEIGHT —	DRAWING NO 番号 C-170823	RESTRICTED TO —
2 PLC ± —			
3 PLC ± —			
4 PLC ± —			
ANGLES ± —			
CUSTOMER DRAWING		SCALE 尺度 2:1	SHEET 4 OF 13
			REV H4

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
J	—						
			—	SEE SHEET 1	—	—	—



1. 材質：SS-108（一般）
2. 一般公差：±0.5
3. 適用製品規格は無し
④ 品川商工発行のカタログと本図で寸法が異なる場合は本図を優先する。
5. この製品の名称はコネクタスリーブ AMP00シリーズ

1. MATERIAL:SS-108(GENERAL)
2. GENERAL TOLERANCE: ±0.5
3. APPLICABLE PRODUCT SPEC NOT AVAILABLE
④ IN THE EVENT OF CONFLICT BETWEEN THE REQUIREMENTS OF THIS CUSTOMER DRAWING AND THE SHINAGAWA SHOKO CO LTD CATALOG THIS CUSTOMER DRAWING SHALL TAKE PRECEDENCE
5. THIS PRODUCT NAME FLAG TYPE CONNECT SLEEVE AMP00 SERIES

OBSOLETE	CLEAR	23	15.5	3	6.5	236525W	4-170823-2
OBSOLETE		21	13.5		4	234025W	4-170823-0
OBSOLETE		25	17.5	3.5	8	238025W	3-170823-6
	COLOR	L	L1	W2	W1	△ SHINAGAWA SHOKO PN	PART NUMBER

DWN A. YAMAGUCHI 31AUG00	MATERIAL 材料 —	FINISH 仕上 —
CHK D. MATSUURA 31AUG00	 TE Connectivity	
APVD K. BETSUI 31AUG00		
PRODUCT SPEC 製品規格 —	NAME 名称 INSULATION SLEEVE	
APPLICATION SPEC 取付適用規格 —		
WEIGHT —	SIZE A4	CAGE CODE 00779
	DRAWING NO 番号 C-170823	RESTRICTED TO —
CUSTOMER DRAWING		SCALE 尺度 2:1
		SHEET 5 OF 13
		REV H4

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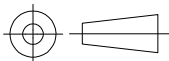
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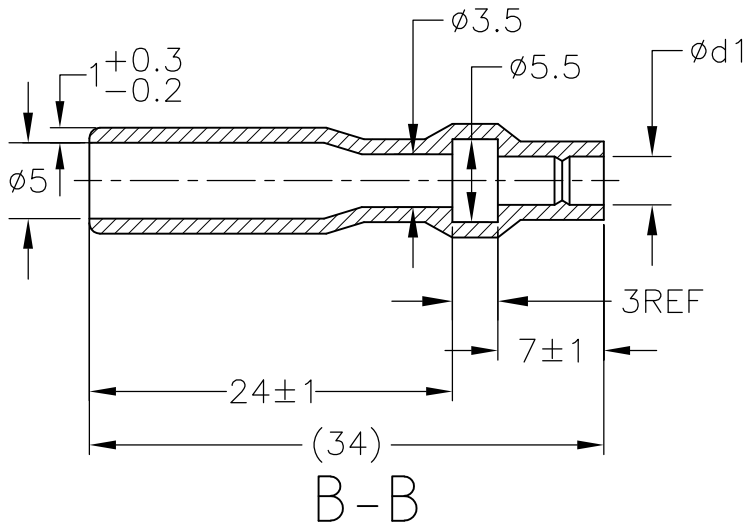
DIMENSIONS:
単位： 耗
mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
一般公差

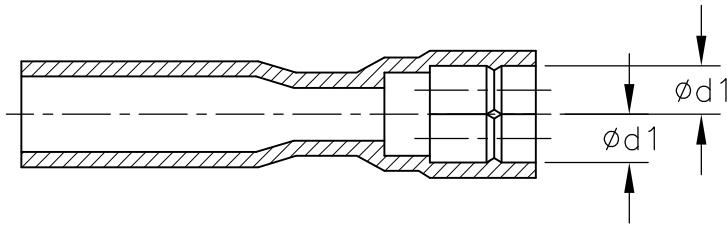
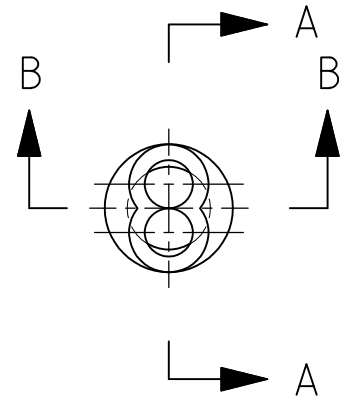
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -



LOC	DIST	REVISIONS 変更					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
J	—		—	SEE SHEET 1	—	—	—



ROTATED CW 90°



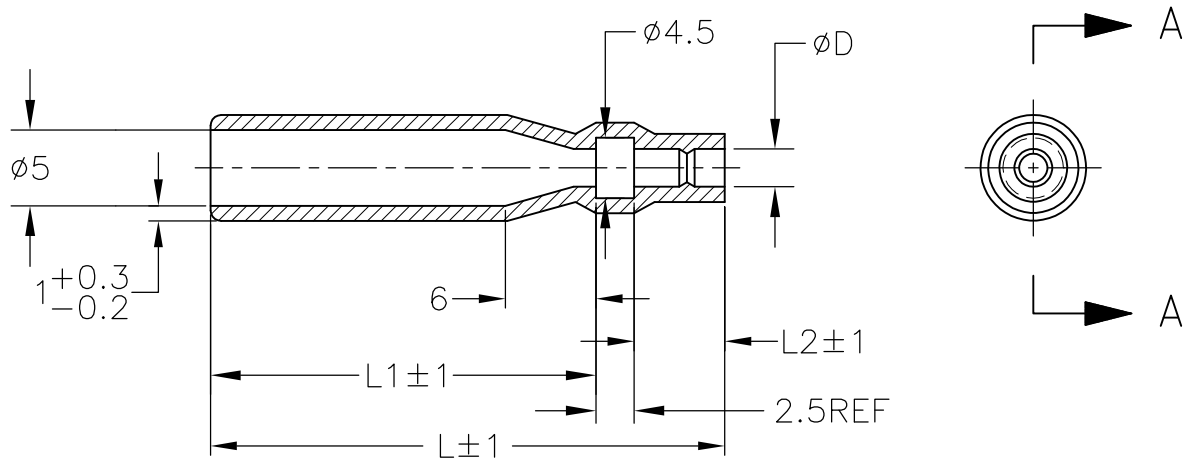
1. 材質：SS-108（一般）
2. 一般公差：±0.5
3. 適用製品規格は無し
4. 品川商工発行のカタログと本図で寸法が異なる場合は本図を優先する。
5. この製品の名称はコネクタスリーブ 5DIAシリーズシュワープラグ リセプタクル

1. MATERIAL:SS-108(GENERAL)
2. GENERAL TOLERANCE: ±0.5
3. APPLICABLE PRODUCT SPEC NOT AVAILABLE
4. IN THE EVENT OF CONFLICT BETWEEN THE REQUIREMENTS OF THIS
CUSTOMER DRAWING AND THE SHINAGAWA SHOKO CO LTD CATALOG THIS
CUSTOMER DRAWING SHALL TAKE PRECEDENCE
5. THIS PRODUCT NAME : CONNECT SLEEVE 5DIA SERIES SHUR PLUG RECEPTACLE
6. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

<div>△ 6</div> <div>OBSOLETE</div>	CLEAR	2.5	215025W	4-170823-3
		3.2	215032W	3-170823-3
	COLOR	φ d1	<div>△ 4</div> SHINAGAWA SHOKO PN	PART NUMBER

DIMENSIONS: 単位： 耗 mm	DWN A. YAMAGUCHI 31AUG00	MATERIAL 材料 —	FINISH 仕上 —
	CHK D. MATSUURA 31AUG00	TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差	APVD K. BETSUI 31AUG00		
0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —	PRODUCT SPEC 製品規格 —	NAME 名称 INSULATION SLEEVE	
	APPLICATION SPEC 取付適用規格 —	SIZE A4	CAGE CODE 00779
	WEIGHT —	DRAWING NO 番号 C-170823	RESTRICTED TO —
CUSTOMER DRAWING	SCALE 尺度 2:1	SHEET 6 OF 13	REV H4

LOC	DIST	REVISIONS 変更					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
J	—		—	SEE SHEET 1	—	—	—



A-A

1. 材質：SS-108（一般）

2. 一般公差：±0.5

3. 適用製品規格は無し

△ 品川商工発行のカatalogと本図で寸法が異なる場合は本図を優先する。

5. この製品の名称はコネクタスリーブ 5DIA シリーズ シュワープラグリセプタクル

1. MATERIAL:SS-108(GENERAL)

2. GENERAL TOLERANCE: ±0.5

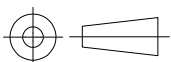
3. APPLICABLE PRODUCT SPEC NOT AVAILABLE

△ IN THE EVENT OF CONFLICT BETWEEN THE REQUIREMENTS OF THIS CUSTOMER DRAWING AND THE SHINAGAWA SHOKO CO LTD CATALOG THIS CUSTOMER DRAWING SHALL TAKE PRECEDENCE

5. THIS PRODUCT NAME FLAG TYPE CONNECT SLEEVE 5DIA SERIES SHUR PLUG RECEPTACLE

△ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

△ OBSOLETE	CLEAR	33	6	24.5	2.8	215028	3-170823-5
		47	7	37.5	3.2	215032-1	2-170823-9
	COLOR	L	L2	L1	φD	△ SHINAGAWA SHOKO PN	PART NUMBER

DIMENSIONS:
単位： 耗
mmTOLERANCES UNLESS
OTHERWISE SPECIFIED:
一般公差0 PLC ± —
1 PLC ± —
2 PLC ± —
3 PLC ± —
4 PLC ± —
ANGLES ± —DWN 31AUG00
A. YAMAGUCHI
CHK 31AUG00
D. MATSUURA
APVD 31AUG00
K. BETSUIPRODUCT SPEC
製品規格APPLICATION SPEC
取付適用規格

WEIGHT

MATERIAL
材料FINISH
仕上

TE Connectivity

NAME
名称

INSULATION SLEEVE

SIZE

CAGE CODE

DRAWING NO
番号

A4 00779 C-170823

RESTRICTED TO

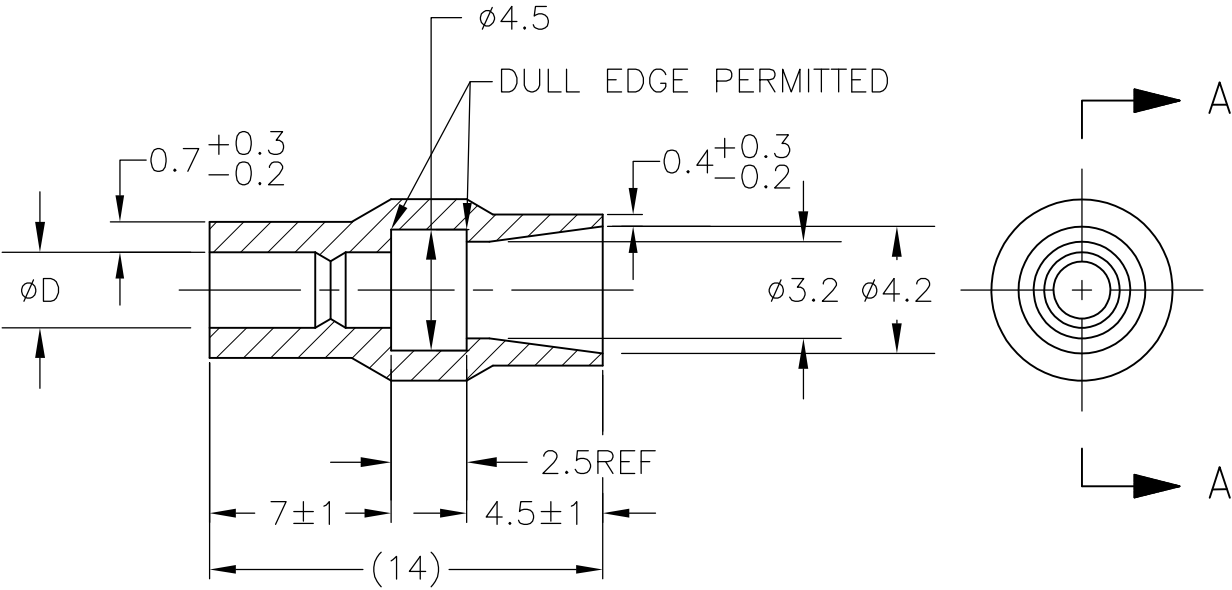
CUSTOMER DRAWING

SCALE
尺度 2:1

SHEET 7 OF 13

REV H4

LOC	DIST	REVISIONS 変更				
P	LTR	DESCRIPTION		DATE	DWN	APVD
J	—	—	—	—	—	—
	—	SEE SHEET 1		—	—	—



A-A

1. 材質：SS-108（一般）

2. 一般公差： ± 0.5

3. 適用製品規格は無し

△ 品川商工発行のカatalogと本図で寸法が異なる場合は本図を優先する。

5. この製品の名称はコネクトスリーブ 5DIAシリーズシュワープラグ

1. MATERIAL:SS-108(GENERAL)

2. GENERAL TOLERANCE: ± 0.5

3. APPLICABLE PRODUCT SPEC NOT AVAILABLE

△ IN THE EVENT OF CONFLICT BETWEEN THE REQUIREMENTS OF THIS CUSTOMER DRAWING AND THE SHINAGAWA SHOKO CO LTD CATALOG THIS CUSTOMER DRAWING SHALL TAKE PRECEDENCE

5. THIS PRODUCT NAME CONNECT SLEEVE 5DIA SERIES SHUR PLUG

△ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

△ OBSOLETE	OBSOLETE	CLEAR	2.2	224222	5-170823-1
	OBSOLETE	CLEAR	2.8	224228	3-170823-4
	COLOR	ϕD	△ SHINAGAWA SHOKO PN	PART NUMBER	

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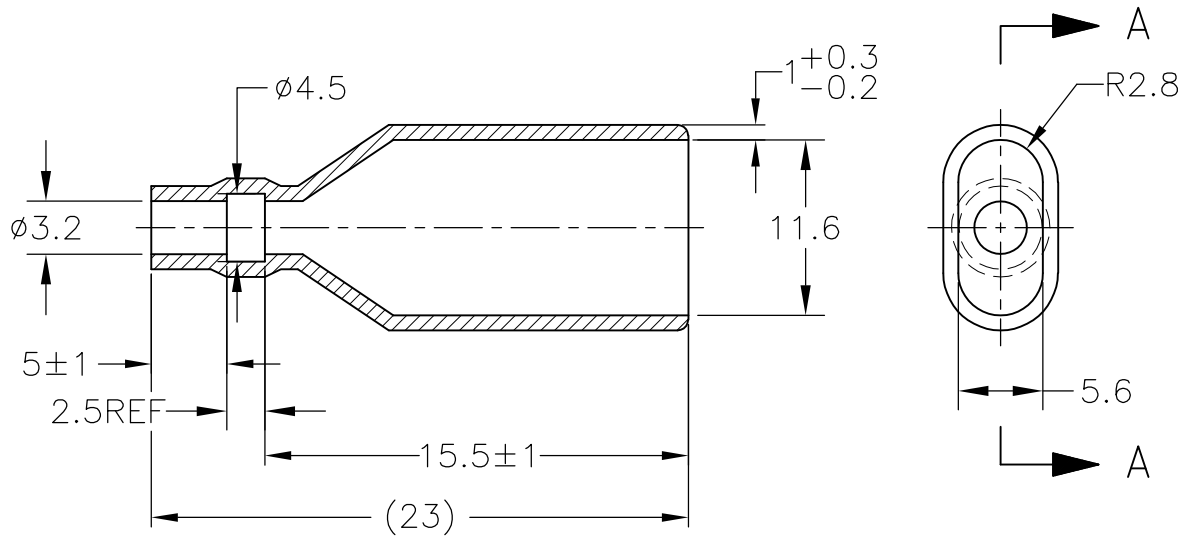
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DIMENSIONS: 単位： 耗 mm		DWN A. YAMAGUCHI 31AUG00	MATERIAL 材料		FINISH 仕上
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		CHK D. MATSUURA 31AUG00	 TE Connectivity		
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		APVD K. BETSUI 31AUG00			
		PRODUCT SPEC 製品規格	NAME 名称 INSULATION SLEEVE		
		APPLICATION SPEC 取付適用規格	SIZE A4		
		WEIGHT	CAGE CODE 00779		
			DRAWING NO 番号 C-170823		
			RESTRICTED TO —		
			SCALE 尺度 4:1		
			SHEET 8 OF 13		
			REV H4		
			CUSTOMER DRAWING		

LOC	DIST	REVISIONS 変更					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
J	—		—	SEE SHEET 1	—	—	—



A-A

1. 材質：SS-108（一般）

2. 一般公差：±0.5

3. 適用製品規格は無し

△4 品川商工発行のカatalogと本図で寸法が異なる場合は本図を優先する。

5. この製品の名称はコネクタスリーブ AMP00シリーズ

1. MATERIAL:SS-108(GENERAL)

2. GENERAL TOLERANCE: ±0.5

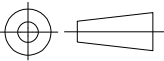
3. APPLICABLE PRODUCT SPEC NOT AVAILABLE

△4 IN THE EVENT OF CONFLICT BETWEEN THE REQUIREMENTS OF THIS CUSTOMER DRAWING AND THE SHINAGAWA SHOKO CO LTD CATALOG THIS CUSTOMER DRAWING SHALL TAKE PRECEDENCE

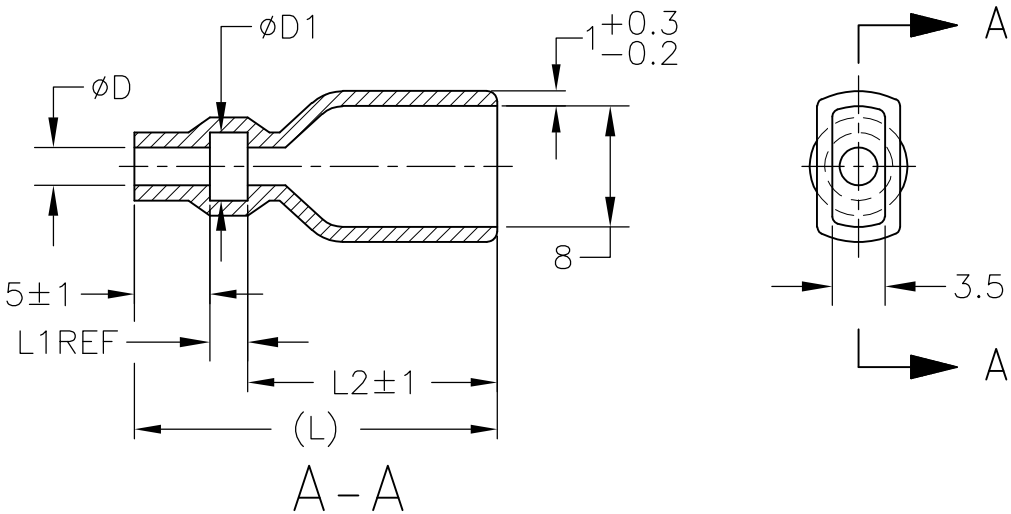
5. THIS PRODUCT NAME FLAG TYPE CONNECT SLEEVE AMP00 SERIES

△6 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

△6 OBSOLETE	CLEAR	230032-1	2-170823-1
	COLOR	△ SHINAGAWA SHOKO PN	PART NUMBER

DIMENSIONS: 単位： 耗 mm	DWN A. YAMAGUCHI 31AUG00	MATERIAL 材料 —	FINISH 仕上 —
	CHK D. MATSUURA 31AUG00	 TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差	APVD K. BETSUI 31AUG00		
0 PLC ± —	PRODUCT SPEC 製品規格 —	NAME 名称 INSULATION SLEEVE	
1 PLC ± —	APPLICATION SPEC 取付適用規格 —		
2 PLC ± —	WEIGHT —	SIZE A4	CAGE CODE 00779
3 PLC ± —		DRAWING NO 番号 C-170823	RESTRICTED TO —
4 PLC ± —		CUSTOMER DRAWING	
ANGLES ± —		SCALE 尺度 2:1	SHEET 9 OF 13
		REV H4	

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION		DATE	APVD
J	—		—	SEE SHEET 1		—	—



1. 材質：SS-108（一般）

2. 一般公差：±0.5

3. 適用製品規格は無し

⚠ 品川商工発行のカタログと本図で寸法が異なる場合は本図を優先する。
1. MATERIAL:SS-108(GENERAL)

2. GENERAL TOLERANCE：±0.5

3. APPLICABLE PRODUCT SPEC NOT AVAILABLE

⚠ IN THE EVENT OF CONFLICT BETWEEN THE REQUIREMENTS OF THIS CUSTOMER DRAWING AND THE SHINAGAWA SHOKO CO LTD CATALOG THIS CUSTOMER DRAWING SHALL TAKE PRECEDENCE

⚠ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

OBSOLETE	YELLOW	24	16.5	2.5	4.5	2.5	238025-2	4-170823-8
OBSOLETE	RED					2.5	238025-1	4-170823-7
OBSOLETE	CLEAR	25	17.5	3	5	4	238040	4-170823-9
OBSOLETE	BROWN	24.5	17.0	2.5	4.7	3.2	238032-3	3-170823-2
OBSOLETE	BLUE						238032-2	3-170823-1
⚠ OBSOLETE	CLEAR	40.5	32.5	3	4.5	3.5	238035-3	2-170823-7
						3.5	238035-2	2-170823-0
						3.5	238035-1	1-170823-9
		27	19.5	2.5	4.7	3.2	238032-1	1-170823-8
⚠ OBSOLETE		45	37.5	3	3.2	2	238020-1	4-170823-7
		25	17.5	2.5	5.3	3.8	238038	1-170823-6
		24	16.0	3	4.5	3.5	238035	1-170823-5
⚠ OBSOLETE		27	19.5	2.5	7.5	6	238060	170823-7
		25	17.5		6.3	4.8	238048	170823-6
		24	16.5		4.7	3.2	238032	170823-4
			16.0	3	3.2	2	238020	170823-3
				3	4.5	2.5	238025	170823-2
	COLOR	L	L2	L1	φ D1	φ D	SHINAGAWA SHOKO PN	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
単位： 耗
mm

MATERIAL
材料

TOLERANCES UNLESS OTHERWISE SPECIFIED:
一般公差

0 PLC ± —

1 PLC ± —

2 PLC ± —

3 PLC ± —

4 PLC ± —

ANGLES ± —

FINISH
仕上

DWN
A. YAMAGUCHI
31AUG00

CHK
D. MATSUURA
31AUG02

APVD
K. BETSUI
31AUG02

PRODUCT SPEC
製品規格

APPLICATION SPEC
取付適用規格

WEIGHT
—

CUSTOMER DRAWING

TE Connectivity

NAME
名称

INSULATION SLEEVE

SIZE
A3

CAGE CODE
00779

DRAWING NO
番号
C-170823

RESTRICTED TO
—

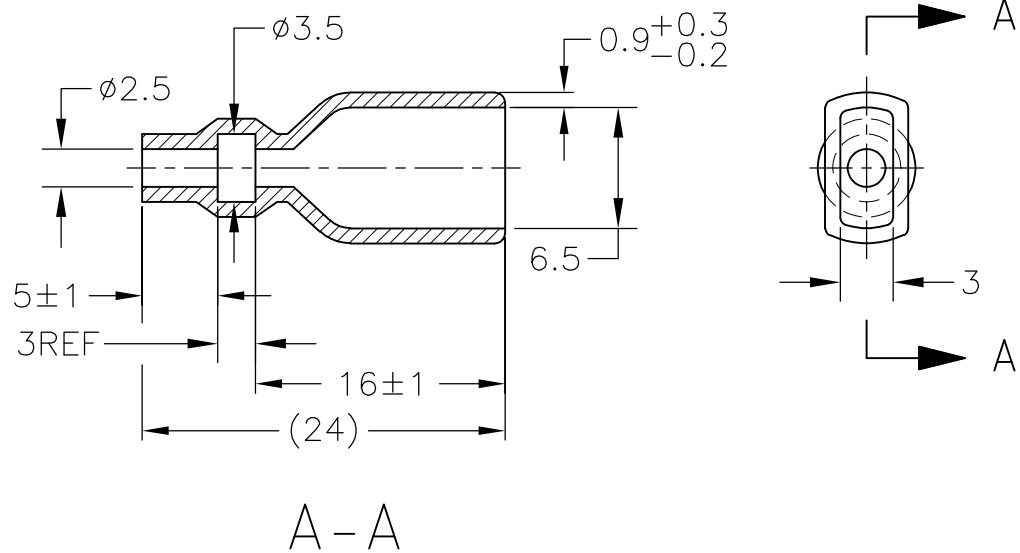
SCALE
尺度 2:1

SHEET
10 OF 13

REV
H4

1470-19 (3/11)

LOC	DIST	REVISIONS 変更					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
J	—		—	SEE SHEET 1	—	—	—



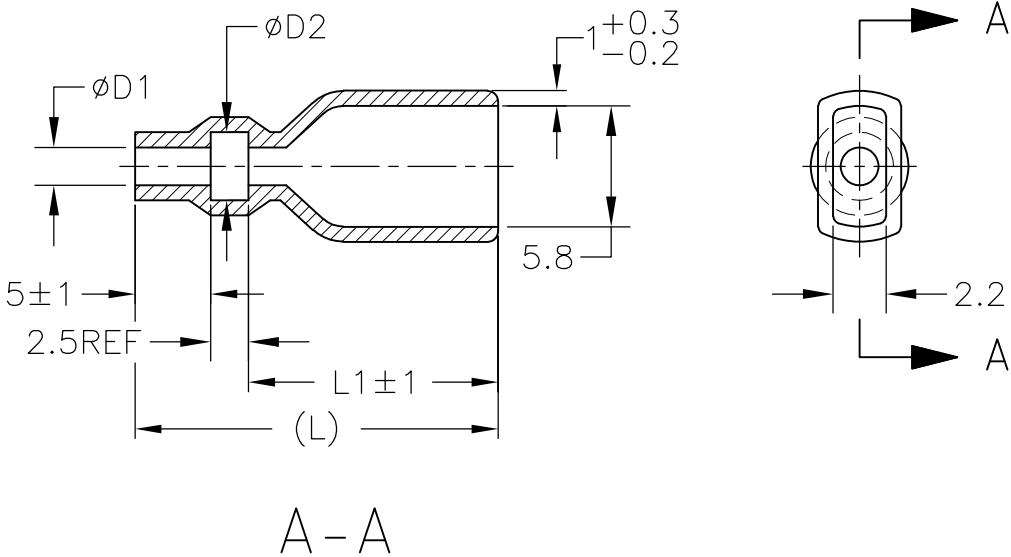
1. 材質：SS-108（一般）
2. 一般公差：±0.5
3. 適用製品規格は無し
4. 品川商工発行のカタログと本図で寸法が異なる場合は本図を優先する。
5. この製品の名称はコネクタスリーブ AMP205シリーズ

1. MATERIAL:SS-108(GENERAL)
2. GENERAL TOLERANCE: ±0.5
3. APPLICABLE PRODUCT SPEC NOT AVAILABLE
4. IN THE EVENT OF CONFLICT BETWEEN THE REQUIREMENTS OF THIS CUSTOMER DRAWING AND THE SHINAGAWA SHOKO CO LTD CATALOG THIS CUSTOMER DRAWING SHALL TAKE PRECEDENCE
5. THIS PRODUCT NAME FLAG TYPE CONNECT SLEEVE AMP205 SERIES

CLEAR	236525	4-170823-1
COLOR	△ SHINAGAWA SHOKO PN	PART NUMBER

DIMENSIONS: 単位： 耗 mm	DWN A. YAMAGUCHI	31AUG00	MATERIAL 材料	—	FINISH 仕上	—
	CHK D. MATSUURA	31AUG00	 TE Connectivity			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差	APVD K. BETSUI	31AUG00				
	PRODUCT SPEC 製品規格	—	NAME 名称 INSULATION SLEEVE			
0 PLC ± —	APPLICATION SPEC 取付適用規格	—				
1 PLC ± —	WEIGHT	—	SIZE	A4	CAGE CODE	00779
2 PLC ± —	CUSTOMER DRAWING		DRAWING NO 番号	C-170823		RESTRICTED TO
3 PLC ± —			—			—
4 PLC ± —			SCALE 尺度	2:1	SHEET	11 OF 13
ANGLES ± —					REV	H4

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
J	—		—	SEE SHEET 1	—	—	—



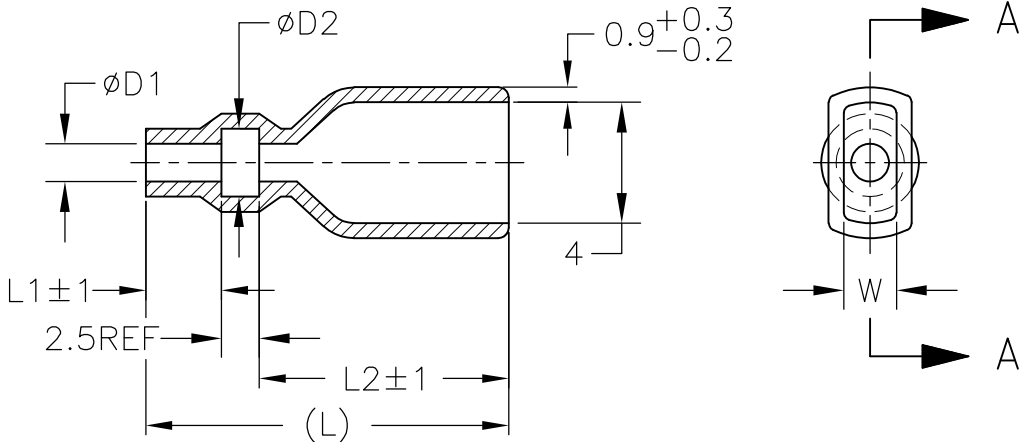
1. 材質：SS-108（一般）
2. 一般公差：±0.5
3. 適用製品規格は無し
△4 品川商工発行のカタログと本図で寸法が異なる場合は本図を優先する。
5. この製品の名称はコネクタスリーブ AMP187シリーズ

1. MATERIAL:SS-108(GENERAL)
2. GENERAL TOLERANCE: ±0.5
3. APPLICABLE PRODUCT SPEC NOT AVAILABLE
△4 IN THE EVENT OF CONFLICT BETWEEN THE REQUIREMENTS OF THIS CUSTOMER DRAWING AND THE SHINAGAWA SHOKO CO LTD CATALOG THIS CUSTOMER DRAWING SHALL TAKE PRECEDENCE
5. THIS PRODUCT NAME FLAG TYPE CONNECT SLEEVE AMP187 SERIES
△6 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

△6 OBSOLETE	CLEAR	23	15.5	3.3	1.8	235818	2-170823-5
		20	12.5	3.5	2.5	235825-1	1-170823-4
		23	15.5	3.7	2.2	235822	1-170823-3
	COLOR	L	L1	$\phi D2$	$\phi D1$	△ SHINAGAWA SHOKO PN	PART NUMBER

DIMENSIONS: 単位： 耗 mm	DWN A. YAMAGUCHI 31AUG00	MATERIAL 材料 —	FINISH 仕上 —
	CHK D. MATSUURA 31AUG00	 TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差	APVD K. BETSUI 31AUG00		
0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —	PRODUCT SPEC 製品規格 —	NAME 名称 INSULATION SLEEVE	
	APPLICATION SPEC 取付適用規格 —	SIZE A4	CAGE CODE 00779
	WEIGHT —	DRAWING NO 番号 C-170823	RESTRICTED TO —
CUSTOMER DRAWING		SCALE 尺度 2:1	SHEET 12 OF 13
		REV H4	

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	APVD
J	—		—	SEE SHEET 1	—	—



A-A

1. 材質：SS-108（一般）

2. 一般公差：±0.5

3. 適用製品規格は無し

4. 品川商工発行のカタログと本図で寸法が異なる場合は本図を優先する。
1. MATERIAL:SS-108(GENERAL)

2. GENERAL TOLERANCE：±0.5

3. APPLICABLE PRODUCT SPEC NOT AVAILABLE

4. IN THE EVENT OF CONFLICT BETWEEN THE REQUIREMENTS OF THIS CUSTOMER DRAWING AND THE SHINAGAWA SHOKO CO LTD CATALOG THIS CUSTOMER DRAWING SHALL TAKE PRECEDENCE

5. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

5	OBSOLETE	CLEAR	37	29.5	5	3.5	2.5	2	234025-4	5-170823-4	
	OBSOLETE					4.3	2.8	2.1	234028	5-170823-3	
5	OBSOLETE	YELLOW	21	13.5		3.5	2.5	2	234025-3	4-170823-6	
	OBSOLETE	RED							234025-2	4-170823-5	
	OBSOLETE	BLACK				3.3	1.8	2.1	234018-4	2-170823-4	
	OBSOLETE	CLEAR	23	15.5		3.5	2.5		234025-1	2-170823-3	
5	OBSOLETE					3.8	3	2	234030-1	2-170823-2	
			30	22.5		3.4	1.8	2.1	234018-2	1-170823-2	
			23	15.5					234018-1	1-170823-1	
			21	13.5		3.8	3	2	234030	1-170823-0	
			18	12.5	3	2.8	1.6	2.1	234016	170823-8	
	21		13.5	5	3.5	2.5	2		234025	170823-1	
		COLOR	L	L2	L1	φ d2	φ d1	W	SHINAGAWA SHOKO PN	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
単位： 耗
mm

MATERIAL
材料

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
一般公差

0 PLC ± —

1 PLC ± —

2 PLC ± —

3 PLC ± —

4 PLC ± —

ANGLES ± —

FINISH
仕上

DWN
A. YAMAGUCHI

CHK
D. MATSUURA

APVD
K. BETSUI

PRODUCT SPEC
製品規格

APPLICATION SPEC
取付適用規格

WEIGHT
—

CUSTOMER DRAWING

31AUG00

31AUG02

31AUG02

INSULATION SLEEVE

SIZE
A3

CAGE CODE
00779

DRAWING NO
番号
C-170823

RESTRICTED TO
—

SCALE
尺度 2:1

SHEET
13 OF 13

REV
H4

TE Connectivity

INSULATION SLEEVE

1470-19 (3/11)

FASTON Housings

Product Facts

- Straight, right-angle, multiple position and special application housings available
- Various materials and temperature ratings available
- Accept FASTON receptacles
- Special application housings include microswitch, gas valve, wax motor and water valve housings
- Available in .312, .250, .205, .187 and .110 Series
- Translucent plastic insulating sleeves in both straight and flag configurations



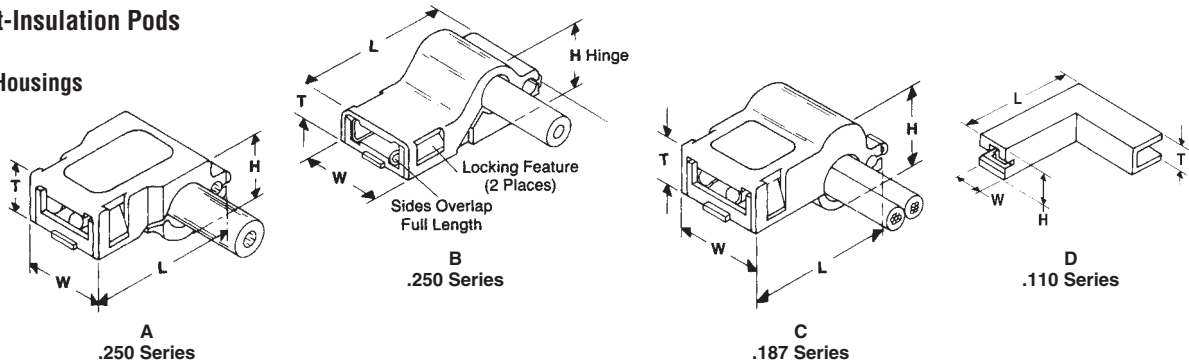
FASTON housings are designed to be used with the FASTON terminal line. They come in sizes ranging from .312, .250, .205, .187 and .110 and are available in multiple positions and configurations. Included in this line are special connectors, including water valve connectors,

microswitch connectors, gas valve connectors, and various other special application connectors. Many of these housings are available in both V-2 and V-0 rated materials. Translucent plastic insulating sleeves are available for use with FASTON receptacles and flags.

FASTON Housings (Continued)

AMPIP Post-Insulation Pods

Flag Style Receptacle Housings



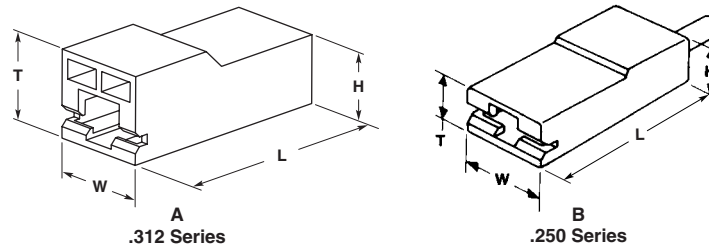
Style	Material	UL 94 ¹	Color	Insulation Dia. Max.	Dimensions				Part Number	Type	Accepts Terminal				
					L	T	W	H							
A	Nylon	V2	Natural						1-480298-0	Continuous Strip	"250" Series Flag FASTON Tab-Lok Receptacles 41531, 41532, 42511, 61156, 63445	X	X		
			.210	.787	.266	.448	.360	1-480307-1							
		V0	Natural	5.33	19.99	6.76	11.38	9.14	1-480307-7	Loose Piece					
		V2	Nat. 150°					1-480307-6							
		V2	Natural					1-480307-8 ³							
B	Nylon	V2	Natural	.140 3.56 or (2) .110 2.79	.732 18.59	.180 4.57	.460 11.68	.315 8.00	1-480296-0	Continuous Strip	"250" Series Flag FASTON Commercial Receptacle 60290, 60736, 62418	X	X		
														1-480306-1	Loose Piece
C	Nylon	V2	Natural	.175 4.45	.699 17.75	.230 5.84	.430 10.92	.320 8.13	1-480487-2	Loose Piece	"187" Series Tab-Lok Flag FASTON ²	X	X		
		V	Natural						1-480487-4 ³						
D	Nylon	V2	Natural	—	.550 13.97	.205 5.21	.225 5.72	.200 5.08	360040-1	Loose Piece	"110" Series FASTON 61070, 61481, 62336	X	X		

¹ Flammability rating of plastic material.

² Does not accept commercial series.

³ Material according to IEC 60335-1.

Straight Style Receptacle Housing



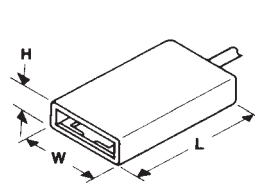
Style	Type	Material	UL 94 ¹	Color	Insulation Dia. Max.	Dimensions				Part Number	Accepts Terminal				
						L	T	W	H						
A	Loose Piece	Nylon	V0	Black	.200	1.035	.400	.440	.310	1969186-1	"312" Series FASTON Receptacles	X	X		
			V2	Natural	5.08	26.29	10.16	11.18	7.87	1969186-2					
B	Loose Piece	Nylon	V2	Natural	.260 6.60	.961 24.40	.181 4.60	.358 9.10	.314 8.00	171706-1	"250" Series FASTON Receptacles ³	X	X		
			V2	Natural	.224 5.69	1.03 26.20	.225 6.70	.490 12.40	.285 7.20	521053-1					
			V2	Natural						1-480416-0					
			V0	Natural						1-480416-7					
			V2	Natural 150°	.200 5.08	.920 23.37	.280 6.60	.390 9.91	.298 7.57	1-480416-8					
			V2	Black						1-480416-1					
				Natural						2-480416-2 ²					
			V2	Natural	.187 4.75	.995 25.30	.193 4.90	.354 9.00	.252 6.40	280232					
			V0	Natural	.187 4.75	.995 25.30	.193 4.90	.354 9.00	.252 6.40	280232-6					
			V2	Natural	.169 4.30	.960 24.40	.181 4.60	.366 9.30	.209 5.30	336369-1					
				Polypropylene	HB	Clear	.161 4.10	.960 24.40	.181 4.60	.362 9.20				.209 5.30	735075

FASTON Housings (Continued)

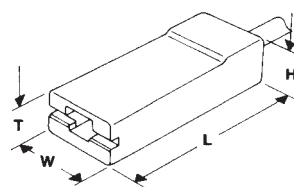
AMPIP Post-Insulation Pods (Continued)

Straight Style

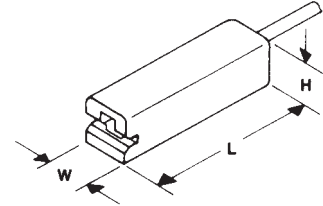
Receptacle Housing (Continued)



C
.<250 Series



D
.<205/.187 Series



E
.<110 Series

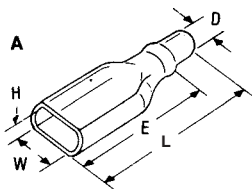
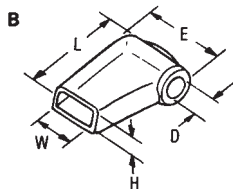
Style	Type	Material	UL 94 ¹	Color	Insulation Dia. Max.	Dimensions					Part Number	Accepts Terminal	UL	CS
						L	T	W	H					
C	Loose Piece	Nylon	V2	Natural	.125 3.18	.955 24.26	—	.570 14.48	.190 4.83		1-480458-0	"250" Series FASTON Economy Receptacles 42660, 42743, 42845, 61202	X	X
				Natural	.180 4.57	.775 19.69	.225 5.72	.338 8.59	.245 6.22		1-480418-0	"205" Series FASTON Receptacles 42197, 42198, 42710, 42712, 42713, 60904	X	X
D	Loose Piece	Nylon	V2	Natural	.170 4.32	.775 19.69	.215 5.46	.308 7.82	.235 5.97		1-480435-0	"187" Series FASTON Receptacles 42373, 42374, 42452, 42453, 42617, 60487, 60573, 62137, 62138, 62187, 63475, 63477	X	X
											1-480435-5 ²		—	—
E	Loose Piece	Nylon	V2	Natural	.150 3.81	.790 20.07	—	.235 5.97	.240 6.10		1-480417-0	"110" Series FASTON Receptacles 42067, 42068, 42236, 42398, 42399, 42415, 60118, 60197, 60577, 60601, 60729, 61158, 61400, 61457, 61818, 62050, 62094, 62191, 62345	X	X
				Black	.150 3.81	.790 20.07	—	.235 5.97	.240 6.10		1-480417-1			

¹ Flammability rating of plastic material.

² Material according to IEC 60335-1.

Insulation Sleeves For FASTON Receptacle

Material — Soft Vinyl Chloride Cloudy



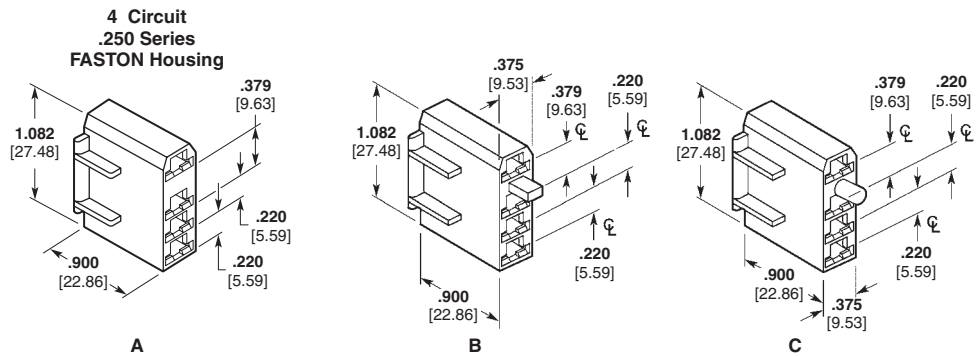
Style	FASTON Series	Dimensions					Part Number
		D	E	L	W	H	
A	250	.079 2.00					170823-3
		.098 2.50	.748 19.00	.945 24.00	.315 8.00	.138 3.50	170823-2
		.126 3.20	.866 22.00	1.06 27.00	.315 8.00	.138 3.50	1-170823-8
			.787 20.00	.984 25.00			1-170823-5
		.138 3.50	1.18 30.00	1.38 35.00	.315 8.00	.138 3.50	1-170823-9
			1.38 35.00	1.57 40.00			2-170823-0
	205	.189 4.80	.787 20.00	.984 25.00	.315 8.00	.138 3.50	170823-6
		.098 2.50	.709 18.00	.906 23.00	.256 6.50	.118 3.00	4-170823-1
	187	.087 2.20	.709 18.00	.906 23.00	.228 5.80		1-170823-3
		.098 2.50	.591 15.00	.787 20.00	.228 5.80	.087 2.20	1-170823-4
B	110	.071 1.80		.827 21.00	.157 4.00	.083 2.10	170823-9
		.098 2.50	.300 16.00				170823-1
	250	.126 3.20	.571 14.50	.728 18.50	.335 8.50	.177 4.50	170891-1
		.189 4.80					170891-2
	187	.126 3.20	.488 12.40	.587 14.90	.256 6.50	.118 3.00	3-170823-8

Note: All part numbers are RoHS compliant.

FASTON Housings (Continued)

Multi-Position Housings

.250 [6.35] Series



Style	Material	UL 94 ¹	Color	Part Number	Accepts Terminals	UL	SP
A	Nylon	V2	Black	520987-1	.250 Low Insertion Terminals	X	X
			Natural	520987-2		—	—
		V0	Black	520987-4		X	X
			Natural	520987-5		—	—
B	Nylon	V2	Black	521065-1	.250 Low Insertion Terminals	X	X
C	Nylon	V2	Black	521066-1	.250 Low Insertion Terminals	X	X

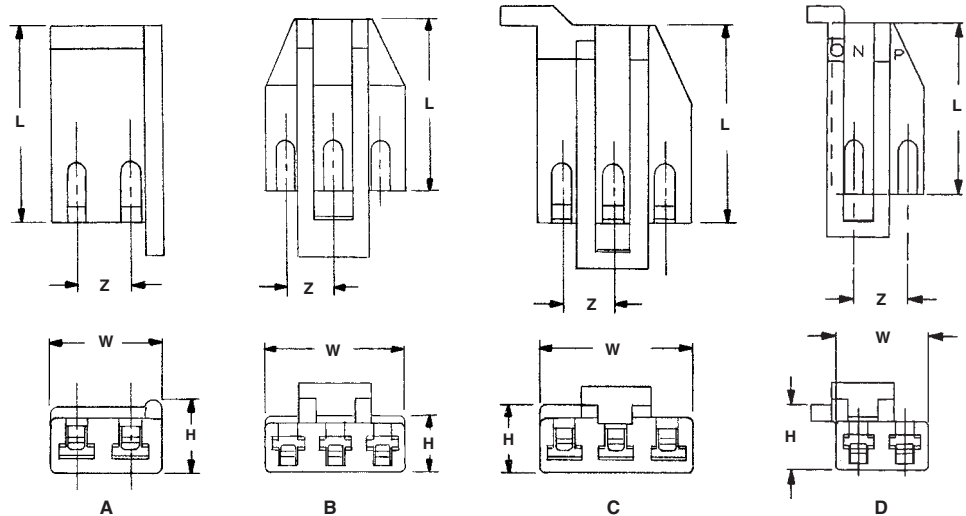
¹ Flammability rating of plastic material.

² Material according to IEC 60335-1.

FASTON Housings

Multi-Position Housings

.110 [2.79] Series Ignition Connectors



Style	Material	UL 94 ¹	Color	Dimensions				Part Number	Accepts Terminal ²	UL	SP
A	Nylon	V2	Black	.224 5.69	.470 11.94	.305 7.75	.825 20.96	520206-2	62942, 63021, 63093	X	X
D	Nylon	V2	Black	.224 5.69	.444 11.28	.315 8.00	.827 21.01	520217-2	62942, 63021, 63093	X	X
	Nylon	V2	Yellow	.224 5.69	.444 11.28	.315 8.00	.827 21.01	520217-3			
	Polyester	HB	Natural	.224 5.69	.444 11.28	.315 8.00	.827 21.01	520217-4			
B	Nylon	V2	Natural	.224 5.69	.668 16.97	.235 5.97	.825 20.96	520219-1	62942, 63021, 63093	X	X
	Nylon	V2	Black	.224 5.69	.668 16.97	.235 5.97	.825 20.96	520219-2			
	Polyester	HB	Black	.224 5.69	.668 16.97	.235 5.97	.825 20.96	520219-4			
C	Nylon	V2	Black	.224 5.69	.444 11.28	.315 8.00	.866 22.00	520220-2	63093	X	X

¹ Flammability rating of plastic material.

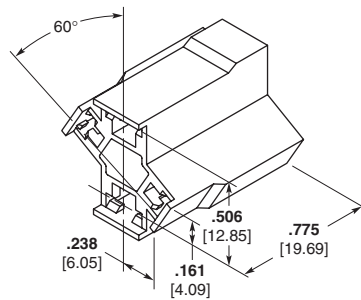
² For dimensions see TE customer drawing.

Note: All part numbers are RoHS compliant.

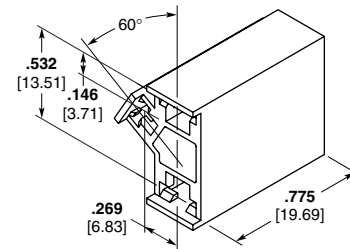
FASTON Housings (Continued)

Housings for Special Applications

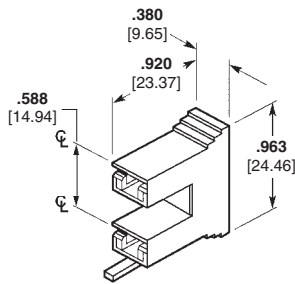
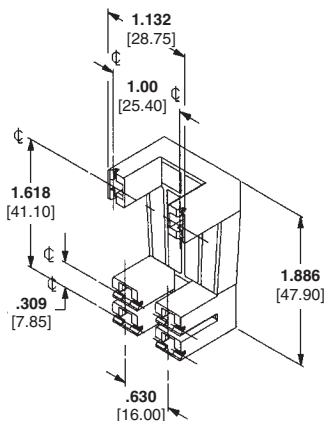
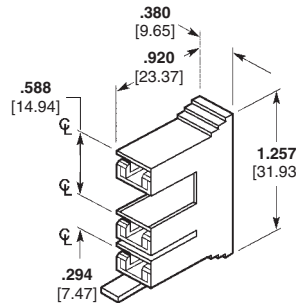
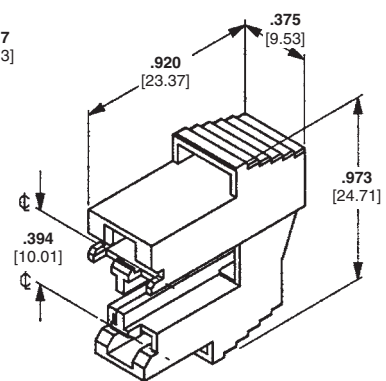
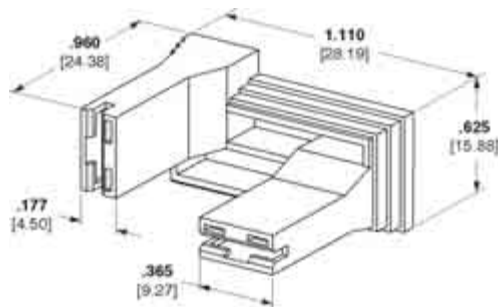
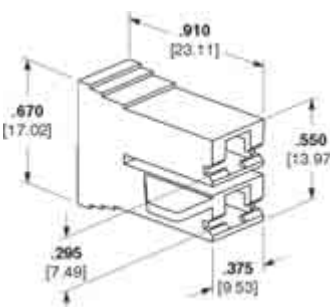
Appliance Connectors Door Interlock Switch



A



B


C
T-Motor Connector

E
Potter & Brumfield Relay Connector

D
T-Motor Connector

F
Pressure Switch

G
T9A Relay Connector

H
RF Relay Connector

Style	Material	UL 94 ¹	Color	Part Number	Accepts Terminals		
A	Nylon	V2	Natural 150°C	521251-1	110/187	X	—
			Natural 150°C	520978-1	110/187	X	X
B	Nylon	V2	Natural 150°C	520978-2	110/187	X	X
			Natural 150°C	521069-1	250 LIF	X	X
C	Nylon	V2	Natural	521069-1	250 LIF	X	X
D	Nylon	V2	Black	521070-1	250 LIF	X	X
E	Nylon	V2	Black	521140-1	63981-1	X	X
F	Nylon	V2	Black	521148-1	187 LIF/ 250 LIF	X	X
G	Nylon	V0	Natural	521785-1	250 LIF	X	X
H	Nylon	V0	Natural	521771-1	250 LIF	X	X

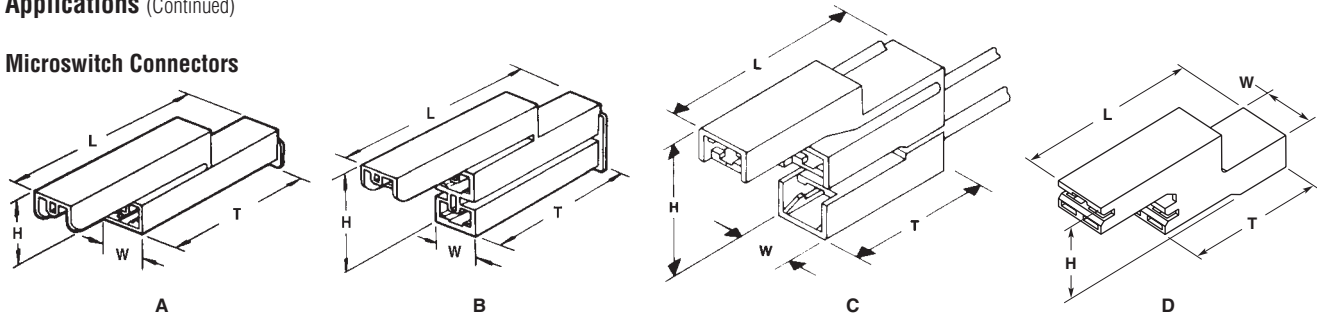
¹ Flammability rating of plastic material.

Note: All part numbers are RoHS compliant.

FASTON Housings (Continued)

Housings for Special Applications (Continued)

Microswitch Connectors

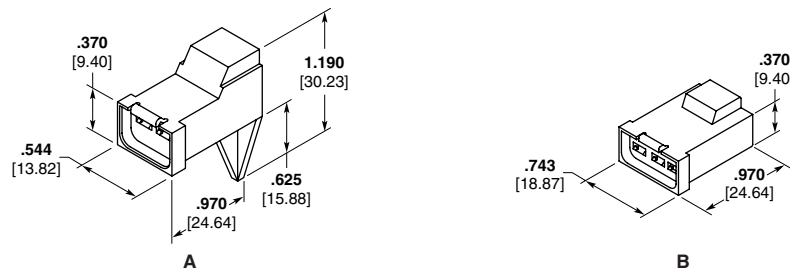


Style	Type	Material	UL 94 ¹	Color	Insulation Dia. Max.	Dimensions				Part Number	Accepts Terminal		
						L	T	W	H				
A	Loose Piece	Nylon	V2	Natural	.157 4.00	1.720 43.70	1.035 26.30	.307 7.80	.520 13.20	174712-1	187 Series MK II Positive Lock Receptacles 170324, 170325, 170326	X	X
			V0	Natural	.157 4.00	1.720 43.70	1.035 26.30	.307 7.80	.520 13.20	1-174712-1			
B	Loose Piece	Nylon	V2	Natural	.157 4.00	1.720 43.70	1.035 26.30	.307 7.80	.770 19.50	172075-1	187 Series MK II Positive Lock Receptacles 170324, 170325, 170326	X	X
			V0	Natural	.157 4.00	1.720 43.70	1.035 26.30	.307 7.80	.770 19.50	1-172075-1			
C	Loose Piece	Nylon	V2	Natural	.170 4.32	1.655 42.04	.845 21.46	.317 8.05	.875 22.23	520212-1	187 Series FASTON Receptacles 42373, 42374, 42452, 42453, 42617, 60487, 60573, 62137, 62187	X	X
				Red						520212-2			
			V0	Natural	520212-3								
			V2	Natural	360010-1								
			V0	Natural	360010-5 ²								
									360010-2		—	—	
											X	X	
D	Loose Piece	Nylon	V0	Natural	.195 4.95	1.500 38.10	.981 24.92	.370 9.40	.536 13.61	521955-1	250 Series MK III Positive Lock Receptacles 63993, 63854, 1217092	X	X

¹ Flammability rating of plastic material.

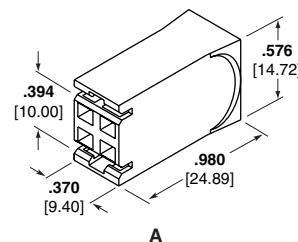
² Material according to IEC 60335-1.

Gas Valve Connectors



Style	Material	UL 94	Color	Part Number	Accepts Terminal	UL	SP
A	Nylon	V2	Natural	521306-1	1217345-1	X	X
B	Nylon	V2	Natural	521307-1	1217345-1	X	X

Wax Motor Connector



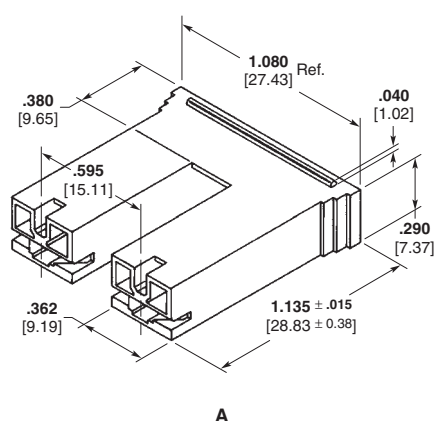
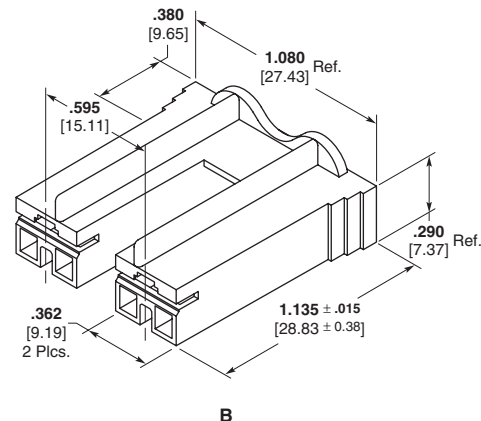
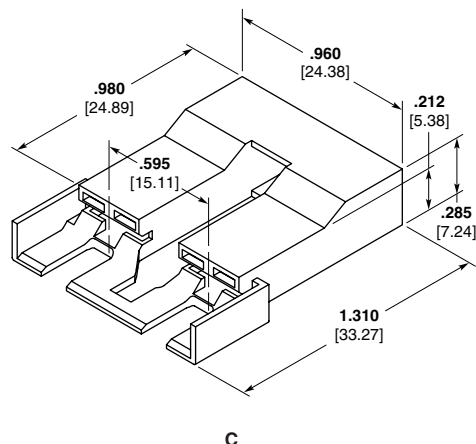
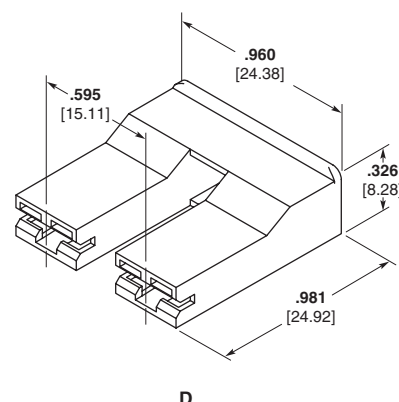
Style	Material	UL 94	Color	Part Number	Accepts Terminal	UL	SP
A	Nylon	V0	Natural	521766-1	250 Series FASTON and Positive Lock Mark III Terminals. Examples include 63306 and 63854.	X	X

Note: All part numbers are RoHS compliant.

FASTON Housings (Continued)

250 Series Water Valve Coil Connector

This connector is designed to mate with the appliance industry's standard water valve coil. The connector is suitable for such applications as washing machine mixing valves, dishwasher fill valves, and refrigerators with automatic ice makers. The housing has a unique internal cavity design to accommodate either two Positive Lock or two budget and LIF FASTON receptacles.



Product Facts

- Helps prevent terminal back-out of housing through plastic retention feature
- Higher disengagement forces possible with Positive Lock or Low Insertion Force (LIF) FASTON receptacles (hole required in mating tab)
- Recognized under the Component Program of Underwriters Laboratories, Inc., File Nos. E28476 and E13288.



Style	Material	UL 94 ²	Color ⁴	Part Number	Accepts		
A	Nylon	V2	Natural	520935-1	250 Series FASTON and Positive Lock Mark II Terminals. Examples Include 42400, 42510, 63306, 63097 ¹ , 63119 ¹ , 63239 ¹ , and 170328 ¹	X	X
			Red	520935-2			
			Black	520935-3 ³			
			Green	520935-4			
			Blue	520935-5			
			Yellow	520935-6			
			Brown	520935-7			
		V0	Natural	1-520935-1		X	X
			Red	1-520935-2			
			Blue	1-520935-5			
B	Nylon	V0	Natural	521229-1		X	—
			Red	521229-2			
C	Nylon	V2	Natural	521253-1	250 Series FASTON and Positive Lock Mark III Terminals. Examples Include 63306 and 63854	X	X
			Red	521253-2			
		V0	Red	1-521253-2		X	X
			Green	1-521253-3			
			Blue	1-521253-7			
			Natural	521119-1			
D	Nylon	V2	Putty	521119-2		X	X
			Blue	521119-4			

¹ For Positive Lock mark II receptacles, refer to pages 78-83.

² Flammability rating of plastic material.

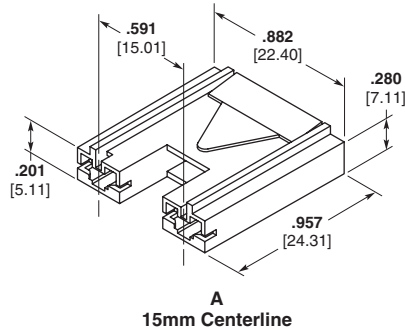
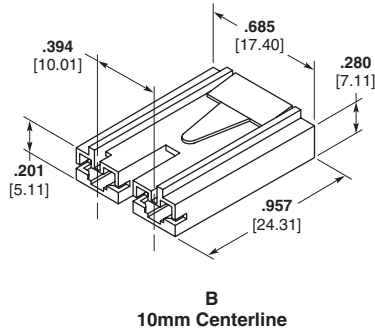
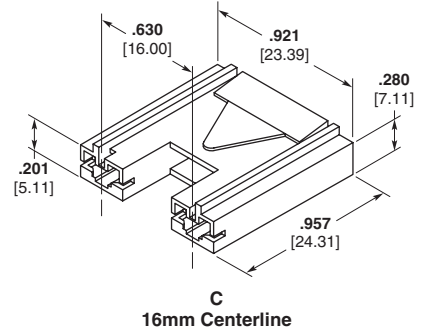
³ Weather resistant material.

⁴ Additional colors available.

Note: All part numbers are RoHS compliant.

FASTON Housings (Continued)

187 Series Connector



Style	Material	UL 94	Color	Part Number	Accepts Terminals
A	Nylon	V0	Natural	176498-1	170324, 170325, 170326
			Black	176498-2	
			Yellow	176498-4	
			Blue	176498-6	
B	Nylon	V0	Natural	179720-1	170324, 170325, 170326
			Black	179720-2	
			Yellow	179720-4	
			Blue	179720-6	
C	Nylon	V0	Red	179720-7	170324, 170325, 170326
			Natural	353148-1	
			Yellow	353148-4	
			Green	353148-5	
			Blue	353148-6	

Note: All part numbers are RoHS compliant.