



S.C.P. s.a.

Suministros de Conectores
Profesionales, s.a.

206708-1

Circular Plastic Connectors, Size 1

CPC Connectors, Series 1 for Cable or Panel Mount

(Accepts Type III+, High-Current Power, Type II and Subminiature Coax Contacts)



Listed part numbers are for connectors only; contacts must be ordered separately.

Material

Housing—Thermoplastic, 94V-0 rated, black

Related Product Data

Contacts—Pages 17-23

Contact Arrangement—Page 24

Component Dimensions—Page 25*

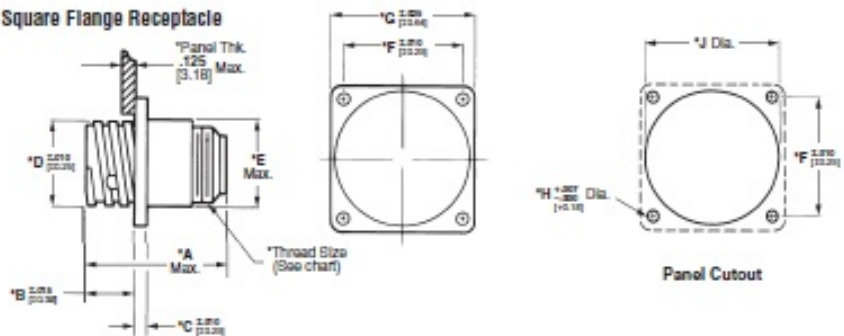
Accessories—Pages 38-42, 52-54

Performance Characteristics—Page 6

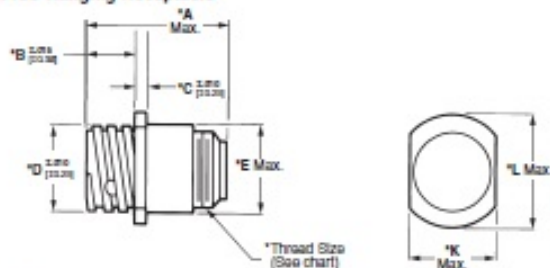
Application Tooling—Pages 75-79

Technical Documents—Page 80

Square Flange Receptacle

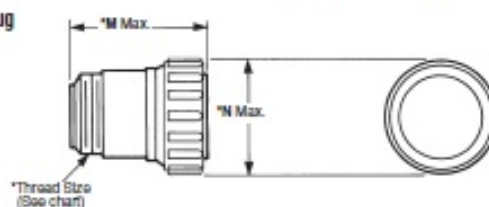


Free-Hanging Receptacle



*Note:
See page 25 for callout dimensions

Plug



Standard Sex Connectors (Receptacles accept pin contacts, Plugs accept socket contacts)

Replacement Coupling Rings

Shell Size	Part No.
11	213811-1
13	213813-1
17	213810-1
23	213812-1

Arrangement Shell Size No. of Positions	Keying	Square Flange Receptacle		Free-Hanging Receptacle	Plug
		With Threaded Inserts ¹	With Mounting Holes		
11-4	A	208130-1	208061-1	206153-1	206060-1
13-9	A	208131-1	206705-1	206705-2	206708-1
	A	206036-8	206036-1	206036-3	206037-1
17-16	B	—	213862-1	—	213849-1
	A	211830-1	206838-1	206838-2	206837-1
23-24	B	—	213866-1	—	213851-1
	A	787610-1	206151-1	206151-2	206150-1
23-37	B	—	213860-1	—	213848-1

¹Four 4-40 threaded inserts per receptacle.

Reverse Sex Connectors (Receptacles accept socket contacts, Plugs accept pin contacts)

Arrangement Shell Size No. of Positions	Keying	Square Flange Receptacle		Free-Hanging Receptacle	Plug
		With Threaded Inserts ¹	With Mounting Holes		
11-4	A	211102-1	206430-1	206430-2	206429-1
	A	211103-1	206043-1	206043-3	206044-1
17-14	B	—	796437-2	—	796440-1
	A	206306-5	206306-1	206306-2	206305-1
23-37	B	—	213864-1	—	213850-1

¹Four 4-40 threaded inserts per receptacle.

Key Style "A" is the Standard 5 Locating Key arrangement. Key Style "B" is the 4 Locating Key arrangement.

Keying

Molded-in keying in two configurations:

A—Standard Configuration: 5 Keys



B—Optional Configuration: 4 Keys to prevent mismatching of standard and reverse sex.



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Circular Plastic Connectors, Series 1 (Continued)

Square Flange Receptacles, Right-Angle, Posted

with .025 [0.64] sq. solder tails



Material and Finish

Housing—Thermoplastic, 94V-0 rated, black

Location Wafer—Phenolic, black

Contact Posts—.000100 [0.00254] min. tin over .000100 [0.00254] min. copper

Contact Body

A—.000100 [0.00254] min. tin over .000050 [0.00127] min. nickel

B—.000030 [0.000762] min. gold for a length of .200 [5.08] min. from mating end, with remainder gold flash, both over .000050 [0.00127] min. nickel

Related Product Data

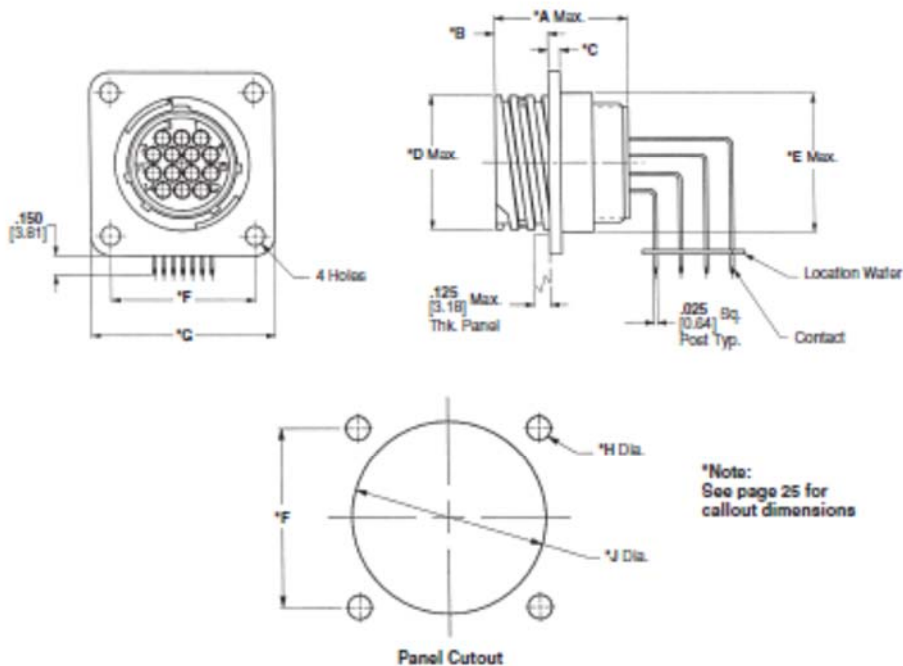
Contact Arrangements—Page 24

Component Dimensions—Page 25*

Performance Characteristics—Page 6

Keying—Standard Configuration: 5 Keys

Technical Documents—Page 60



Standard Sex (Posted Pin Contacts)

Arrangement No.	Receptacle Assemblies		Contact Body Finish Code	Mating Plug Part No.
	Mounting Holes	4-40 Threaded Inserts		
11-4	1-796403-1	1-796403-2	B	206060-1
13-7	1-796435-1	1-796435-2	B	211300-1
13-9	1-796375-1	1-796375-2	B	206708-1
17-9	1-796497-1	—	B	211768-1
17-16	1-796404-1	—	B	206037-1
23-19	1-796405-1	—	B	211770-2
23-24	1-796387-1	—	A	206837-1
	1-796387-2	—	B	
23-37	1-796406-1	—	B	206150-1

Reverse Sex (Posted Socket Contacts)

Arrangement No.	Receptacle Assemblies		Contact Body Finish Code	Mating Plug Part No.
	Mounting Holes	4-40 Threaded Inserts		
11-4	1-796407-1	—	B	206429-1
13-7	1-796500-1	—	B	211400-1
17-9	1-796501-1	—	B	211768-1
17-14 (shown)	796348-3	—	A	206044-1
	796348-2	—	B	
23-19	1-796502-1	—	B	211772-1
23-37	1-796409-1	—	B	206305-1

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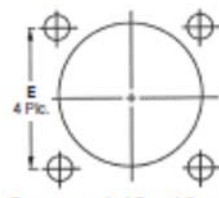
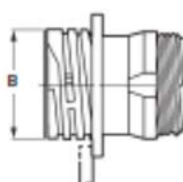
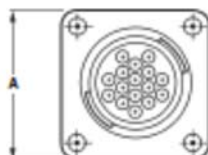
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Two-Piece Sealed Circular Plastic Connectors, Special Series 1

**Sealed CPC Receptacles,
Special Series 1 with
Pre-Installed, Bonded
Peripheral Seal**

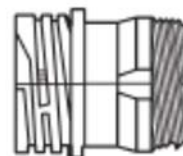
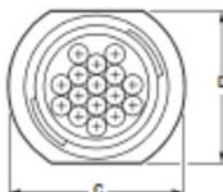


Square Flange Receptacle (Uses Flange Seal Part No. 81665-□ on page 51)



Recommended Panel Cutout

Free-Hanging Receptacle



Listed part numbers are for
connectors only; **contacts must
be ordered separately.**

Material and Finish

Housing—Thermoplastic, UL 94V-0
rated, black

Seal—Elastomer, gray

Related Product Data

Contacts—Pages 17-21

Contact Arrangement—Page 24

Accessories—Pages 38-42 and 51

Performance Characteristics—
Page 6

Application Tooling—Pages 75-79

Technical Documents—Page 80

Shell Size	Dimension E
11	.844 21.44
13	.969 24.61
17	1.125 28.58
23	1.438 36.53

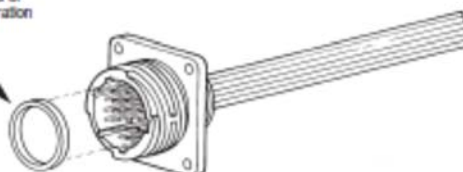
Arrangement	Dimensions		Sex	Series 1 Receptacles with Peripheral Seal		Dimensions		Free-Hanging Part No.	Mates with Plug Part No.
	No. of Positions	A	B	Square Flange Part No. With Mounting Holes	With Threaded Inserts ¹	C	D		
11-4	28.58	1.125	.607	Std.	206061-2	.935	.817	206153-2	206060-1
				Rev.	206430-3			206430-4	206429-1
13-7	32.54	1.281	.812	Std.	211401-3	1.072	.874	—	211399-1
				Std.	206705-3			206705-4	206708-1
17-16	36.45	1.435	1.050	Std.	206036-4	1.310	1.161	206036-5	206037-1
				Rev.	206043-4			206043-5	206044-1
23-24	44.45	1.750	1.438	Std.	206838-3	1.733	1.505	206838-4	206837-1
				Std.	206151-3			206151-4	206150-1
23-37	44.45	1.750	1.438	Rev.	206306-3	44.02	38.23	206306-4	206305-1
				Rev.	206306-3			206306-4	206305-1

¹Four 4-40 threaded inserts per receptacle.

Notes: 1. For detailed performance data on peripheral seals, refer to Product Specification No. 108-10024.

2. Receptacles mate with Series 1 plugs found on page 10.

Seal shown outside of
connector for illustration
purposes only.



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