

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*

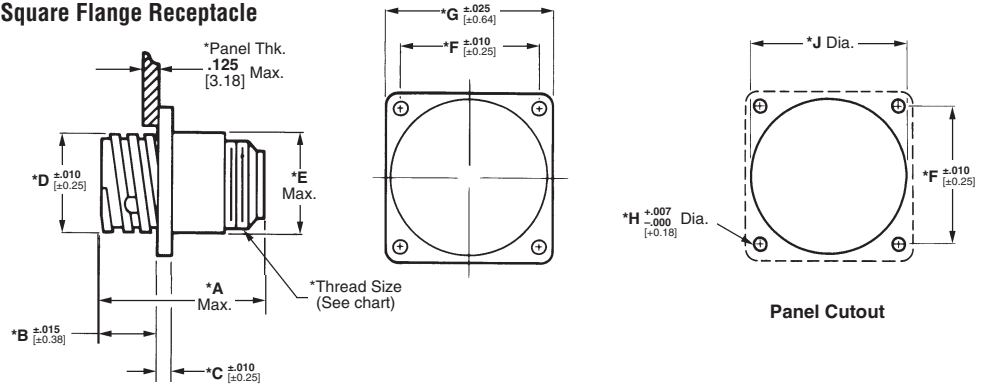
Accessories—Pages 38-42, 52-54

Performance Characteristics—
Page 6

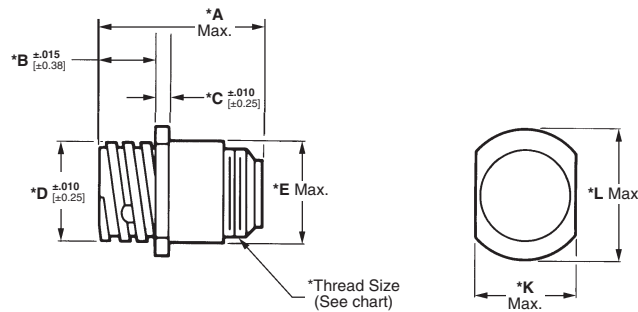
Application Tooling—Pages 76-79

Technical Documents—Page 80

Square Flange Receptacle

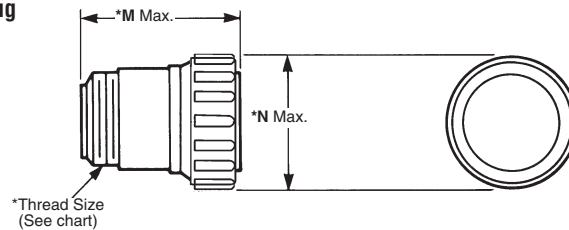


Free-Hanging Receptacle



***Note:**
See page 25 for callout dimensions

Plug



Replacement Coupling Rings

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

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.



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

Arrangement	Keying	Square Flange Receptacle		Free-Hanging Receptacle	Plug
		With Threaded Inserts ¹	With Mounting Holes		
11-4	A	208130-1	206061-1	206153-1	206060-1
13-9	A	208131-1	206705-1	206705-2	206708-1
17-16	A	206036-8	206036-1	206036-3	206037-1
	B	—	213862-1	—	213849-1
23-24	A	211839-1	206838-1	206838-2	206837-1
	B	—	213866-1	—	213851-1
23-37	A	787610-1	206151-1	206151-2	206150-1
	B	—	213860-1	—	213848-1

¹Four 4-40 threaded inserts per receptacle.

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

Arrangement	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
17-14	A	211103-1	206043-1	206043-3	206044-1
	B	—	796437-2	—	796449-1
23-37	A	206306-5	206306-1	206306-2	206305-1
	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.

Circular Plastic Connectors, Series 1, VDE Tested

CPC Connectors, Series 1, for Cable or Panel Mount (Accepts Type III+, High- Current Power, Type II and Subminiature Coax Contacts)



- Designed to meet requirements of VDE as shown in DIN Specification 57627
 - Recognized under the Component Program of Underwriters Laboratories Inc. for 600 VAC and 600 VDC service, File No. E28476 
 - Certified by Canadian Standards Association, File No. LR 7189 
- 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 76-79

Technical Documents—Page 80

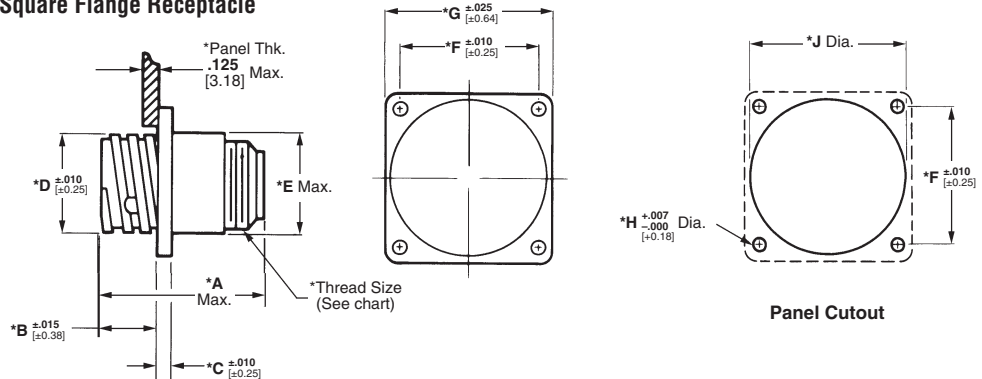
Replacement Coupling Rings

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

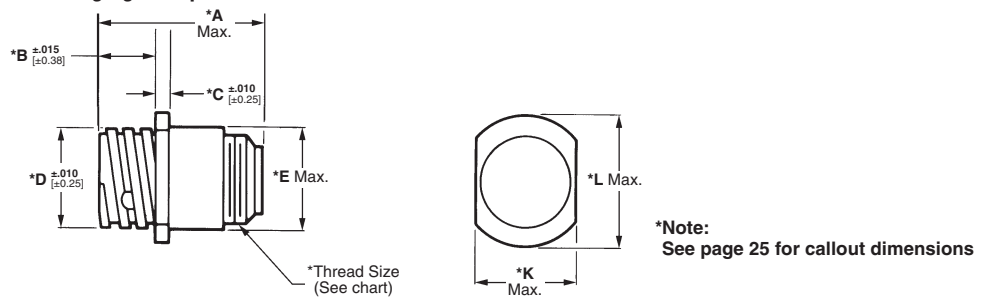
Keying

- A**—Standard Configuration: 5 Keys
B—Optional Configuration: 4 Keys

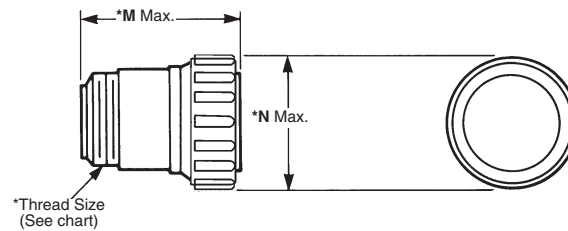
Square Flange Receptacle



Free-Hanging Receptacle



Plug



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

Arrangement	Shell Size	No. of Positions	Keying	Square Flange Receptacle		Plug
				With Threaded Inserts ¹	With Mounting Holes	
13-7	13	7	A	211401-4	211401-1	211399-1
			A	211767-2	211767-1	211766-1
23-19	23	19	A	211771-2	211771-1	211770-2
			B	—	213870-1	213853-1

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		
13-7	13	7	A	211398-4	211398-1	211398-2	211400-1
			A	—	211769-1	211769-3	211768-1
17-9	17	9	B	—	796439-2	—	796450-1
			A	—	211773-1	—	211772-1
23-19	23	19	B	—	213868-1	—	213852-1

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.

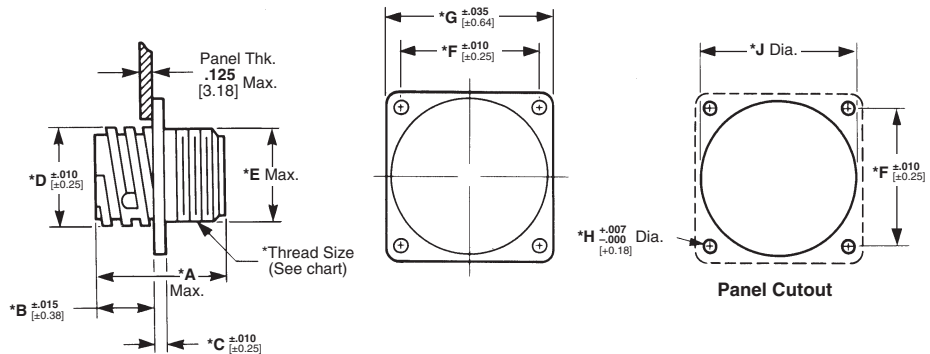
Circular Plastic Connectors, Series 2

CPC Connectors, Series 2 for Cable or Panel Mount

(Accepts Size 20 DM or DF Crimp,
Snap-In Contacts)



Square Flange Receptacle



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

Material

Housing—Thermoplastic, 94V-0 rated,
black

Related Product Data

Contacts—Pages 29-30

Contact Arrangement—Page 31

Component Dimensions—Page 32*

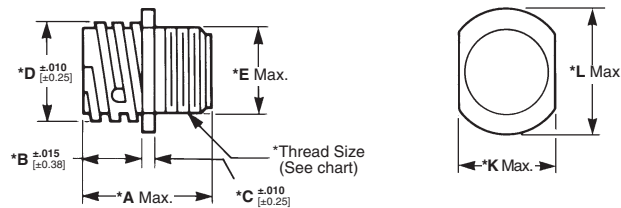
Accessories—Pages 38-42

Performance Characteristics—
Page 6

Application Tooling—Pages 76-79

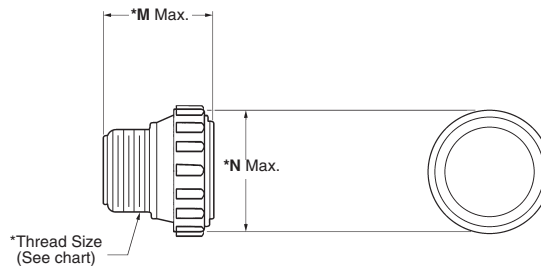
Technical Documents—Page 80

Free-Hanging Receptacle



***Note:**
See page 32 for callout dimensions

Plug



Standard Sex Connectors

(Receptacles accept Size 20 DM or DF pin contacts, Plugs accept Size 20 DM or DF socket contacts)

Arrangement	Square Flange Receptacle		Free-Hanging Receptacle	Plug
	With Mounting Holes	With Threaded Inserts ¹		
11-8	205841-1	205841-3	205841-2	205838-1
11-9	206486-1	206852-8	206486-2	206485-1
17-28	205840-3	205840-4	206152-1	205839-3
23-63	205843-1	—	205843-2	205842-1

¹Four 4-40 threaded inserts per receptacle.

Reverse Sex Connectors

(Receptacles accept Size 20 DM or DF socket contacts, Plugs accept Size 20 DM or DF pin contacts)

Arrangement	Square Flange Receptacle		Free-Hanging Receptacle	Plug
	With Mounting Holes	With Threaded Inserts ¹		
11-8	206433-1	206433-3	206433-2	206434-1
17-28	206038-1	206038-4	206038-2	206039-1
23-57	206438-1	—	206438-2	206437-1

¹Four 4-40 threaded inserts per receptacle.

Note: For Standard and Reverse Sex Connectors the maximum wire insulation diameter is .068 [1.73].

Replacement Coupling Rings

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

Circular Plastic Connectors, Series 3

CPC Connectors, Series 3



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

Material

Housing—Thermoplastic, 94V-0 rated, black

Related Product Data

Contacts—Page 34–35

Contact Arrangement—Page 35

Component Dimensions—Page 36*

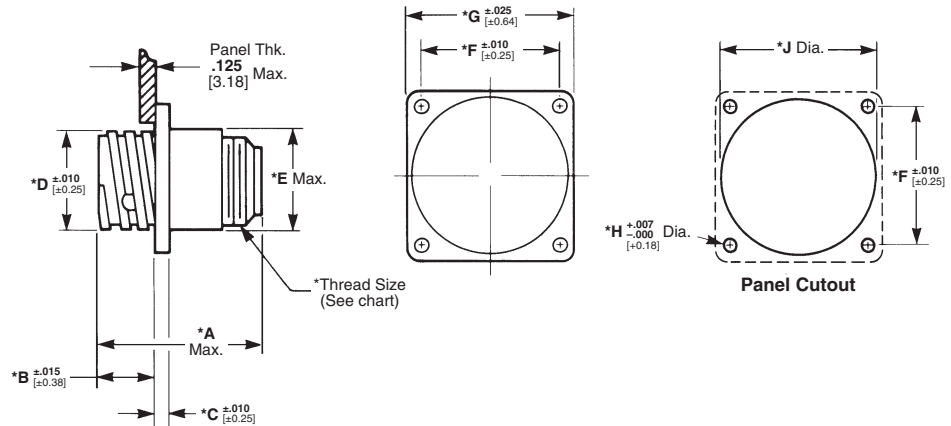
Accessories—Pages 38–42

Performance Characteristics—Page 6

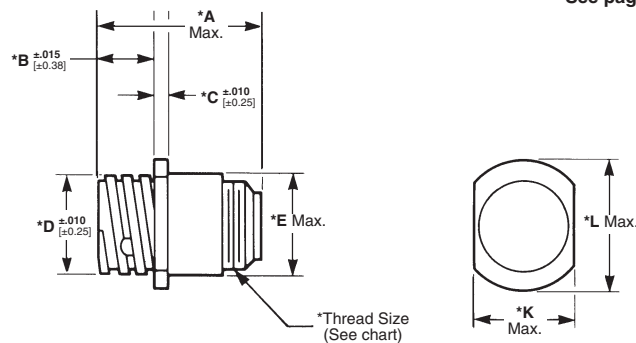
Application Tooling—Pages 76–79

Technical Documents—Page 80

Square Flange Receptacle

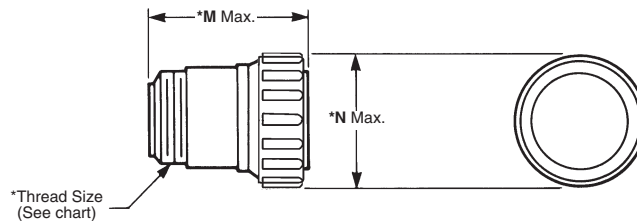


Free-Hanging Receptacle



***Note:**
See page 36 for Callout Dimensions

Plug



Standard Sex Connectors

(Receptacles accept Type XII Male/pin contacts, Plugs accept Type XII Female/socket contacts)

Arrangement	Square Flange Receptacle		Free-Hanging Receptacle	Plug
	With Mounting Holes	With Threaded Inserts ¹		
17-3	206036-2	213581-1	206207-1	206037-2
23-7	206137-1	206137-5	206137-2	206136-1

¹Four 4-40 threaded inserts per receptacle.

Reverse Sex Connectors

(Receptacles accept Type XII Female/socket contacts, Plugs accept Type XII Male/pin contacts)

Arrangement	Square Flange Receptacle		Free-Hanging Receptacle	Plug
	With Mounting Holes	With Threaded Inserts ¹		
17-3	206425-1	206425-5	206425-2	206426-1
23-7	206227-1	206227-6	206227-2	206226-1

¹Four 4-40 threaded inserts per receptacle.

Note: Maximum wire insulation diameter is .220 [5.59].

Replacement Coupling Rings

Shell Size	Part No.
17	213810-1
23	213812-1

Two-Piece Sealed Circular Plastic Connectors, Series 5

CPC Connectors, Series 5 Sealed – Reverse Sex



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

Material

Housing—Nylon, glass-filled UL rated 94V-0, black

Related Product Data

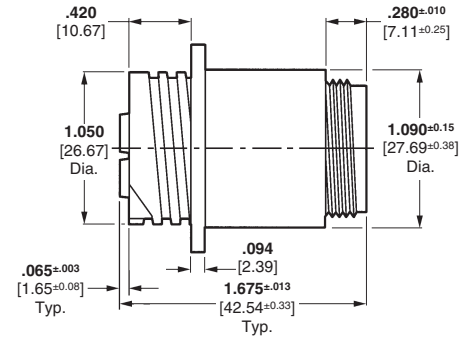
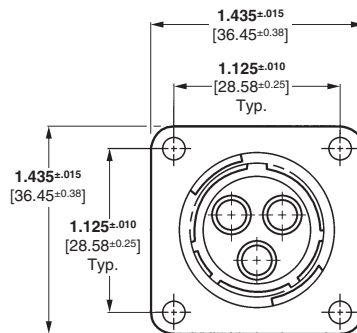
Contacts—Pages 47

Accessories—Page 51

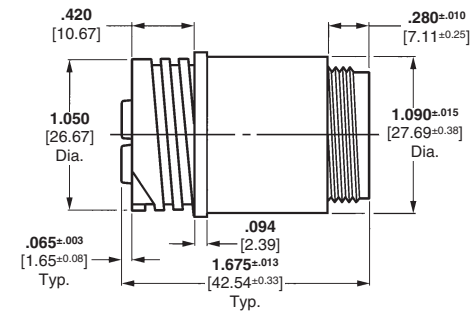
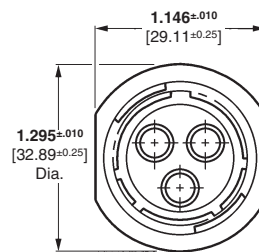
Application Tooling—Pages 76-79

Technical Documents—Page 80

Square Flange Receptacle (Uses Flange Seal Part No. 81665-2 on page 51)



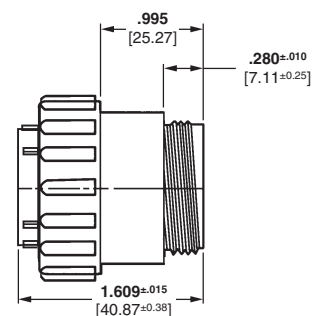
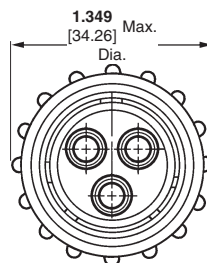
Free-Hanging Receptacle



Replacement Coupling Ring

Shell Size	Part No.
17-3	213810-1

Plug (With Full Interfacial Seal)



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

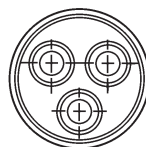
Arrangement	Square Flange Receptacle	Free-Hanging Receptacle	Plug
17-3 - Connector	213889-2	213890-2	213905-1
17-3 - Wire Entry Seal Kit	213899-1	213899-1	213899-1

Kit includes (1) Silicon Wire Entry Seal and (1) Pressure Plate.

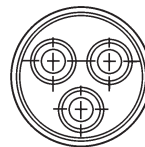
*Wire entry seals require cable clamp kits.

Wire Entry Seals*

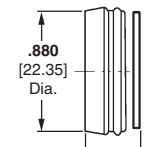
*Cable clamp kit 213902-3 required. (Similar to 206322-9. See page 38 for dimensional detail of cable clamp) or cable clamp kit 213904-3. (Similar to 206070-8. See page 38 for dimensional detail of cable clamp).



Rear View
Receptacles



Rear View
Plugs



Side View
Plugs/Receptacles

Note: Minimum insulation diameter is .156 [3.96]; Maximum insulation diameter is .260 [6.60].

Two-Piece Sealed Circular Plastic Connectors, Series 6

CPC Connectors, Series 6 Sealed – Reverse Sex



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

Material

Housing—Nylon, glass-filled UL rated
94V-0, black

Related Product Data

Contacts—Pages 17-21 and 47

Accessories—Page 51

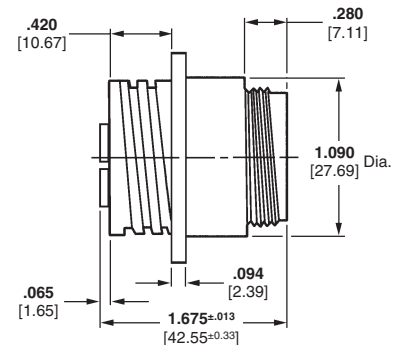
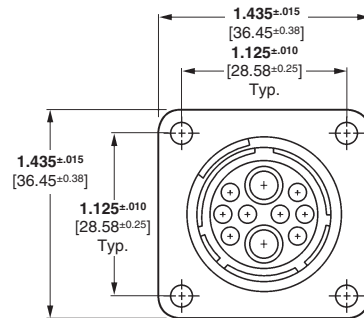
Application Tooling—Pages 76-79

Technical Documents—Page 80

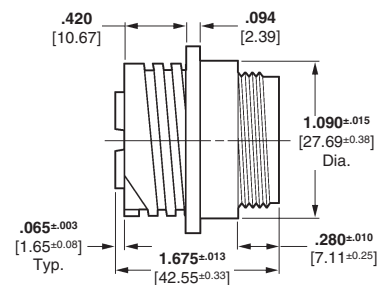
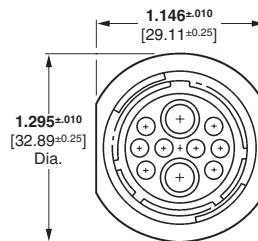
Replacement Coupling Ring

Shell Size	Part No.
17-10	213810-1

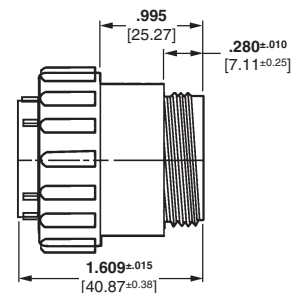
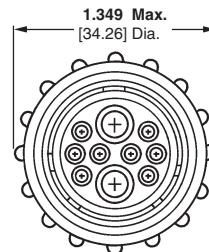
Square Flange Receptacle (Uses Flange Seal Part No. 81665-2 on page 51)



Free-Hanging Receptacle



Plug



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

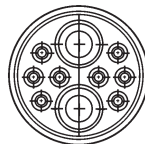
Arrangement	Square Flange Receptacle	Free-Hanging Receptacle	Plug
17-10 Connector	213893-2	213894-2	213906-1
17-10 Wire Entry Seal Kit	213900-1	213900-1	213900-1

Kit includes (1) Silicon Wire Entry Seal and (1) Pressure Plate.

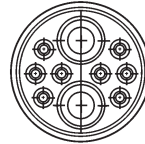
*Wire entry seals require cable clamp kits.

Wire Entry Seal*

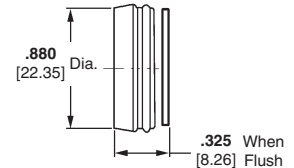
*Cable clamp kit 213902-3
required. (Similar to 206322-9.
See page 38 for dimensional detail
of cable clamp) or cable clamp kit
213904-3. (Similar to 206070-8.
See page 38 for dimensional detail
of cable clamp).



Rear View
Receptacles



Rear View
Plugs



Side View
Plugs/Receptacles

Note: Minimum insulation diameter is .156 [3.96]; maximum insulation diameter is .260 [6.60] for power contacts.
Minimum insulation diameter is .060 [1.50]; maximum insulation diameter is .130 [3.30] for signal contacts.