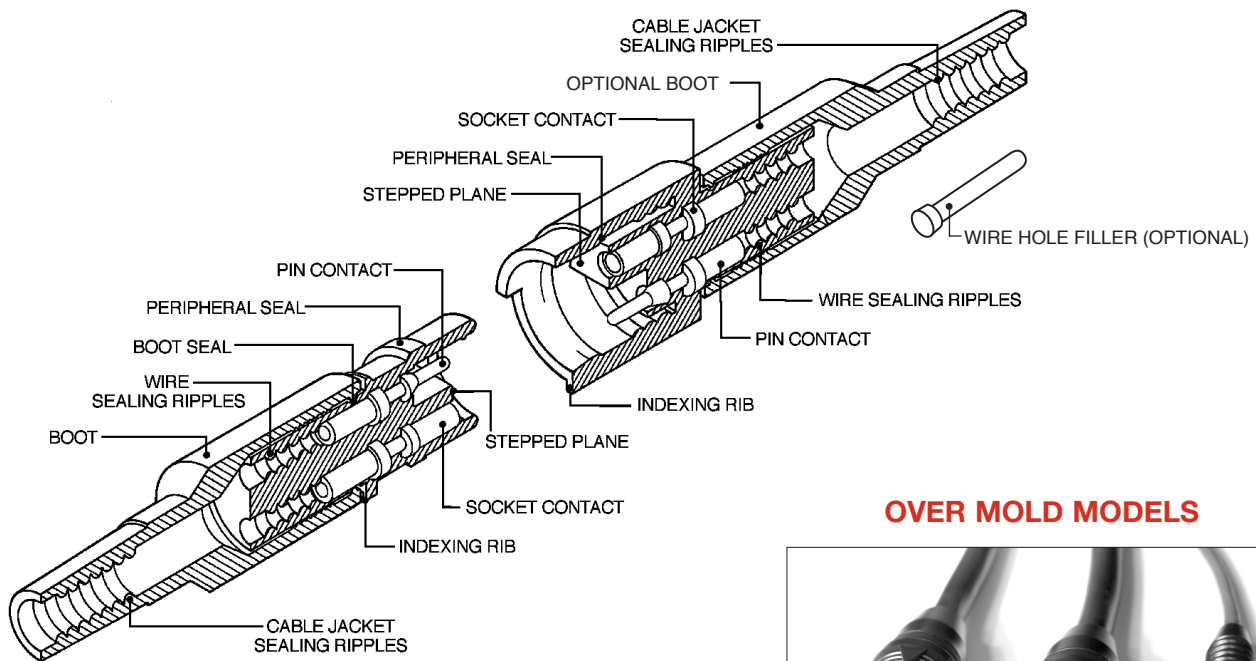


## CROSS SECTION



## OVER MOLD MODELS



## HOW TO SELECT SURE-SEAL® CONNECTOR &amp; ACCESSORIES

- STEP 1.** Choose series: Sure-Seal®, Mini Sure-Seal®, or Power Sure-Seal®
- STEP 2.** Determine number of circuits required per connector:  
 1 to 10 in Sure-Seal®  
 2 to 4 in MINI Sure-Seal®  
 1 in POWER Sure-Seal®
- STEP 3.** Select connector with appropriate number of circuits.
- STEP 4.** Select Sure-Seal® body style: straight or flanged plug and receptacle.
- STEP 5.** Select connector accessories: Boots, Mounting Ring, Mounting Plates, Mounting Clip, Wire Hole Filler, Holding Blocks.

## HOW TO SELECT SURE-SEAL® CONTACTS &amp; TOOLING

- STEP 1.** Determine current carrying and wire gauge requirements for application.
- STEP 2.** Select appropriate contacts from contact selection chart. → [page 18](#)
- STEP 3.** Choose appropriate crimp, insertion, and extraction tooling. → [page 19](#)

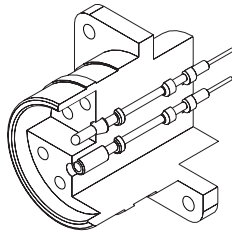
LAYOUTS

Notice that all multi-pin Sure-Seal® connectors use a combination of pin and socket contacts in each connector.

View from mating face of receptacle


- pin
- socket

Machined PC Pin Contact. Please contact us.




CONNECTORS



NUMBER OF CIRCUITS	AWG WIRE SIZE	PLUG	FLANGED PLUG	RECEPTACLE
<b>SURE-SEAL®</b>				
1	14-18	120-1832-000	-**	120-1833-000
2	14-18	120-1807-000	120-8552-200	120-1804-000
3 First make last break version	14-18	"120-1808-000 120-1808-200"	120-8552-201	120-1805-000 120-1805-200
4	14-18	120-1809-000	120-8552-202	120-1806-000
5	14-18	120-1841-000	-**	120-1839-000
6	14-18	120-1842-000	-**	120-1840-000
 7	14-18	120-1873-000	-**	120-1874-000
8	14-18	120-1865-000	120-8552-305	120-1866-000
9	14-18	120-1867-000	120-8552-306	120-1868-000
10	14-18	120-1869-000	120-8552-307	120-1870-000
<b>MINI SURE-SEAL®</b>				
2	18-20	120-8552-100	-	120-8551-100
3	18-20	120-8552-101	-	120-8551-101
4	18-20	120-8552-102	-	120-8551-102
<b>POWER SURE-SEAL®</b>				
1	4-6	120-1905-000 order socket contacts	-	120-1903-000 order pin contacts
1	8-10	120-1906-000 order socket contacts	-	120-1904-000 order pin contacts



 ⇒ See page 24 for special rectangular version

\*\* Use Mounting Rings ⇒ See page 22

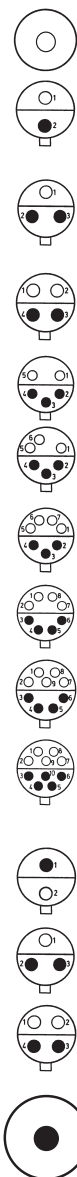
Notice that all multi-pin Sure-Seal® connectors use a combination of pin and socket contacts in each connector.

View from mating face of receptacle

- pin
- socket



NUMBER OF CIRCUITS	BOOT <sup>(1)</sup>	MOUNTING RING <sup>(2)</sup>	MOUNTING PLATE <sup>(3)</sup>	POSI-LOK MOUNTING CLIP <sup>(4)</sup>	WIRE HOLE FILLER <sup>(5)</sup>	HOLDING BLOCK <sup>(6)</sup>
<b>SURE-SEAL®</b>						
1	-	-	-	026-0452-000	225-0093-000	317-1408-002
2	317-1398-000	351-1640-000	066-8516-000	029-0263-000	225-0093-000	317-1408-001
3	317-1397-000#	351-1641-000	066-8516-000	029-0262-000	225-0093-000	317-1408-000
First make last break version	317-1399-000#	351-1641-000	066-8516-000	029-0262-000	225-0093-000	317-1408-000
4	317-1397-000# 317-1399-000#	351-1641-000	066-8516-000	029-0262-000	225-0093-000	317-1408-000
5	317-8657-000	351-1633-000	-	026-0450-000	225-0093-000	317-1408-003
6	317-8657-000	351-1633-000	-	026-0450-000	225-0093-000	317-1408-003
7	317-8657-000	351-1633-000	-	026-0450-000	225-0093-000	317-1408-003
8	317-8657-002	351-1634-000	066-8516-002	026-0451-000	225-0093-000	317-1408-004
9	317-8657-002	351-1634-000	066-8516-002	026-0451-000	225-0093-000	317-1408-004
10	317-8657-002	351-1634-000	066-8516-002	026-0451-000	225-0093-000	317-1408-004
<b>MINI SURE-SEAL®</b>						
2	-	-	-	026-0452-000	225-1012-000	195-8508-013 Plug 195-8508-014 receptacle
3	-	-	-	026-0452-000	225-1012-000	195-8508-015 plug 195-8508-016 receptacle
4	-	-	-	026-0452-000	225-1012-000	195-8508-017 plug 195-8508-018 receptacle
<b>POWER SURE-SEAL®</b>						
1	-	-	-	-	-	-
1	-	-	-	-	-	-



\* See page 24 for special rectangular version#

# See page 22 for Cable O.D. accommodations

(1) Boot: Fits over the rear of the connector and seals the jacket of the cable. It also provides additional strain relief and abrasion resistance. See dimensions on page 22 for choosing 3 or 4 circuit boot.

(2) Mounting Ring: A Mounting Ring snaps into an appropriate sized hole in a panel or bracket and allows a non-flanged plug or receptacle to be panel mounted.

(3) Mounting Plate: Metal mounting plates reinforce the molded flanges when attaching flanged connectors to a panel.

(4) Mounting Clip: Mounting clips can be used free-hanging as a positive lock to provide a secondary means of securing the connector halves. Mated connector pairs can be snapped into the clip for fixed mounting using a screw or cable tie. The wires of one of the connectors can be passed through an integral retention ring which captivates one of the connector halves to the clip.

(5) Wire Hole Fillers: Wire Hole fillers are inserted into unused cavities in place of a contact. Hole fillers are required to retain the watertight sealing if less than a full complement of contacts are to be used.

(6) Holding Block: A holding block makes insertion of contacts into the molded body faster and avoids personal injury or damage to the connector. It is highly recommended that the appropriate block be used when inserting contacts. (See page 27 for assembly instructions.)