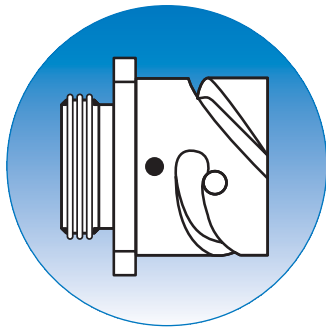


# Follow these 9 steps to create your part number. . .

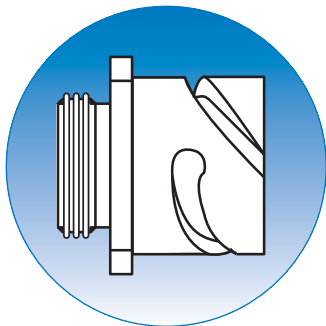
## STEP 1

Select Connector Type

AIB



AIBC



\* AIBC is the commercial version of the AIB. It comes without wear pins in the receptacles and without wave springs in the coupling nuts.

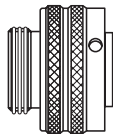
\*\* Note: AIBC are fully intermateable with all reverse bayonet connectors.

## STEP 2

Select Shell Style, Plug or Receptacle

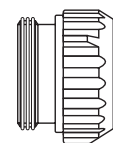
Plugs

Standard  
(Most Popular)



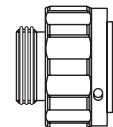
6

Rubber Covered



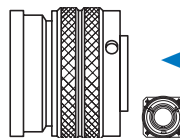
4

Heavy Duty



6HD

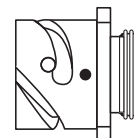
Box Mount



6B

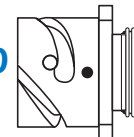
Receptacles

0



Front Wall Mount with Accessory Threads

30



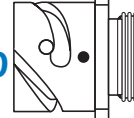
Rear Wall Mount with Accessory Threads (Most Popular)

1



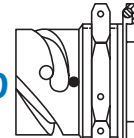
Cable Mount with Accessory Threads

20



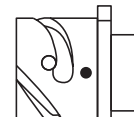
Front Box Mount with Rear Accessory Threads

70



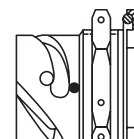
Rear Mount Jam Nut with Accessory Threads

2



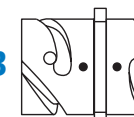
Front Box Mount No Accessory Threads

7



Rear Mount Jam Nut No Accessory Threads

TB



Thru Bulkhead

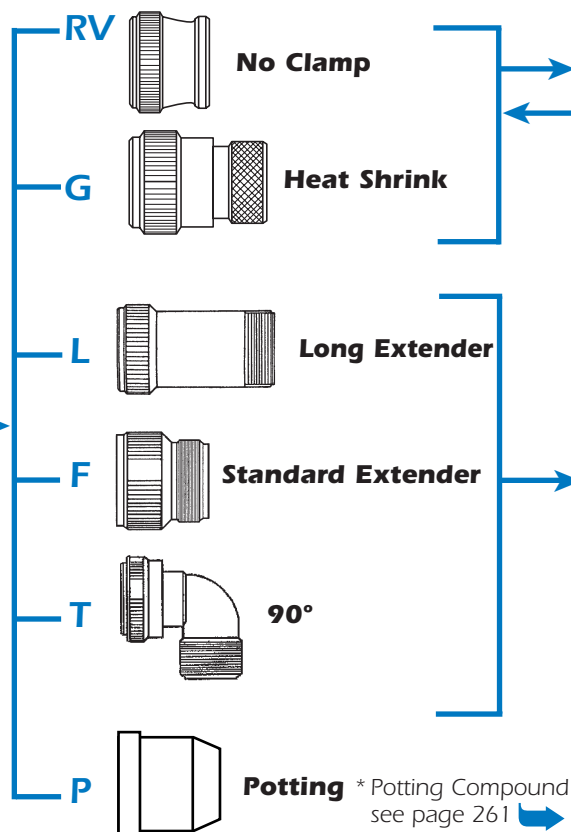
Create your part number using these nine steps

(example)

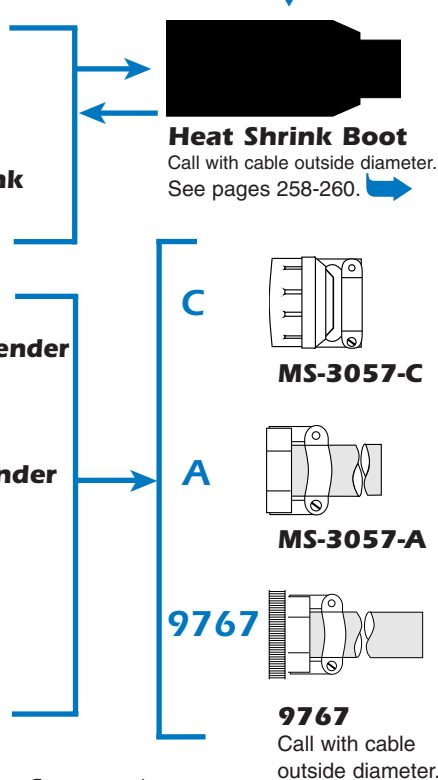
AIB	6HD	F	A	24-28	P	W	S	- 472
1	2	3	4	5	6	7	8	9
Connector Type	Shell Style	Endbells	Cable Clamp/ Heat Shrink Boot (if needed)	Layout	Contact	Rotation	Contact Type	Plating/ Modification
		if omitting endbell, enter - (dash)						

\* See pages 94-95 for Amphenol order codes.

### STEP 3 Choose Endbells



### STEP 4 Choose Cable Clamps and/or Heat Shrink Boot (if applicable)



### STEP 5 Choose layout See pages 50-69.

### STEP 6 Choose Contact

P = Pin  
S = Socket  
PS = Style TB only

### STEP 7 Choose Rotation See pages 59-69. (omit for normal)

W  
X  
Y  
Z

### STEP 8 Choose Contact Type

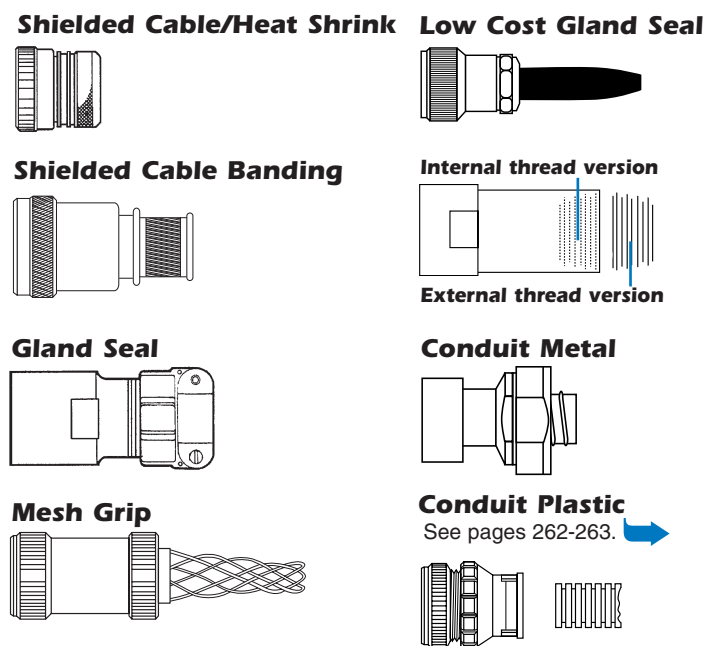
S = Solder  
C = Crimp\*  
H = PC\*\*  
0 = Less contacts

\* When using a "C" in part number, the connector is supplied with the standard size crimp contacts for its layout. Bolded part number on pages 70-73 indicate crimp contacts. If reduced or enlarged crimp contacts are required, specify contact type 0 (less contacts) and order contacts separately.

\*\* See page 75 for post diameters and lengths.

### Standard Specials

Call with NPT thread size, Sealtite conduit diameter, or cable outside diameter.



### STEP 9 Choose Platings/Modifications

- CONTACTS**
- B30 = Gold 30μ" Gold over Nickel
  - T = Thermocouple
  - RDS = RADSOX (Socket only) 8,4,0  
Omit for silver contacts
- SHELLS**
- 023 = Nickel (RoHS with crimp only)
  - 024 = Green Zinc Cobalt
  - 025 = Black Zinc Cobalt  
(RoHS with crimp only)
  - 027 = Conductive Black Zinc Cobalt (RoHS with crimp only)
  - G96 = Black Anodized  
Omit for olive drab chromate over cadmium
  - 116 = Less Pre-tinned Solder Cups
  - 472 = 116 & 025 mod codes (RoHS)
  - 548 = 116 & 023 mod codes (RoHS)
- MATERIALS**
- L = Low Smoke Zero Halogen  
V = High Temperature Viton®

\*Viton is a registered trademark of DuPont Dow Elastomers