

# D38999 Service Class "L"

- MIL-DTL-38999 Series III
- Service Class "L"
- Conductive Ni plated corrosion resistant stainless steel
- 200C (non-firewall)
- Ideal choice for users needing an economic, stainless steel option as an alternative to Cadmium
- 500 hour salt spray
- Fully qualified to MIL-DTL-38999



## How To Order

1.	2.	3.	4.	5.	6.
Military	Shell Style	Service Class	Shell Size- Insert Arrangement	Contact Type	Alternate Keying Position
D38999/	20	L	G35	P	N

### Step 1. Select a Connector Type

	Designates
D38999	Military MIL-DTL-38999 Series III Connector

### Step 2. Select a Shell Style

	Designates
20	Wall Mount Receptacle
21	Box Mount Receptacle, Hermetic
23	Jam Nut Receptacle, Hermetic
24	Jam Nut Receptacle
25	Solder Mount Receptacle, ( <b>Hermetic</b> )
26	Straight Plug
27	Weld Mounted Receptacle, ( <b>Hermetic</b> ) Only

### Step 3. Select a Service Class

Military	Finish	Description
L	Stainless Steel w/ Nickel Plate	Corrosion resistant steel, electro deposited nickel, 500 hour salt spray, 200°C, non firewall



### Step 4. Select a Shell Size & Insert Arrangement from the Amphenol Combined Circular Catalog 12-C3

Shell Size & Insert Arrangement are on pages 4-7. First number represents Shell Size, second number is the Insert Arrangement.

A	B	C	D	E	F	G	H	J	MIL Shell Size
9	11	13	15	17	19	21	23	25	Amphenol Shell Size

### Step 5. Select a Contact Type

	Designates
P	Pin Contacts
S	Socket Contacts
H	1500 Cycle Pin Contacts
X	Eyelet contacts, hermetic only
A	Same as "P" except supplied less pin Contacts
B	Same as "S" except supplied less socket contacts ( A & B designate nonstandard contact applications)

### Step 6. Select an Alternate Keying Position

Locksmith keying - Rotation of minor keys. See Amphenol Combined Circular Catalog 12-C3 page 23

#### Classes L Materials

- Shell – Corrosion resistant steel
- Coupling – Corrosion resistant steel
- Insert – Corrosion resistant steel
- Spring fingers – Corrosion resistant steel
- Filler Compound – Corrosion resistant steel
- Gasket, Grommet, and interfacial seal – Silicone or fluorosilicone elastomer.
- Jam Nut – Corrosion resistant steel

