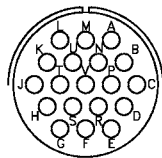


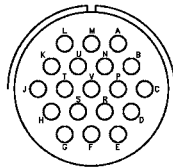
## Contact arrangement

### 19 CONTACTS

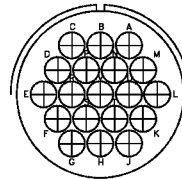
ARRANGEMENT  
CONTACT SIZE  
SERVICE RATING



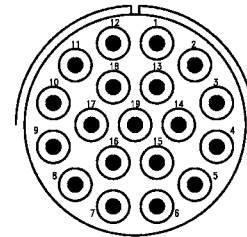
20-A48  
16  
I



22-14  
16  
A



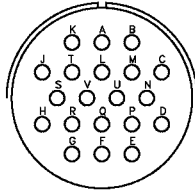
24-67  
12  
A



40-B19  
8  
A

### 20 CONTACTS

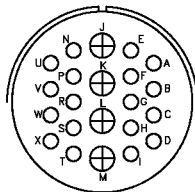
ARRANGEMENT  
CONTACT SIZE  
SERVICE RATING



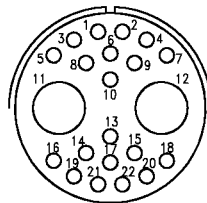
28-16  
16  
A

### 22 CONTACTS

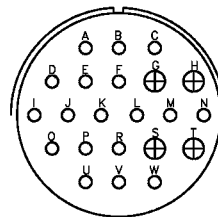
ARRANGEMENT  
CONTACT SIZE  
SERVICE RATING



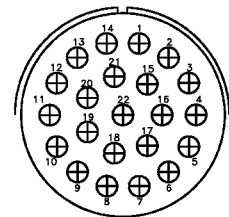
28-11  
4/12 , 18/16  
A



32-B22  
2/4 , 20/16  
A



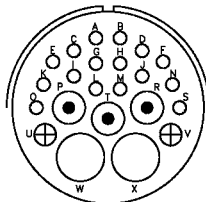
36-1  
4/12 , 18/16  
D



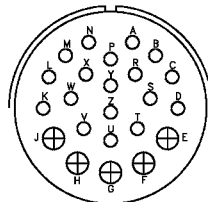
36-22  
12  
D

### 23 CONTACTS

ARRANGEMENT  
CONTACT SIZE  
SERVICE RATING

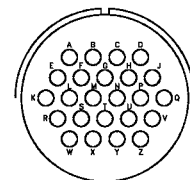


32-6  
2/4 , 3/8 , 2/12 , 16/16  
A



32-13  
5/12 , 18/16  
D

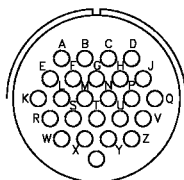
### 24 CONTACTS



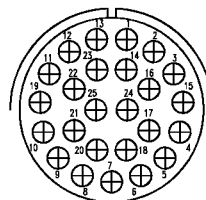
24-28  
16  
I

### 25 CONTACTS

ARRANGEMENT  
CONTACT SIZE  
SERVICE RATING

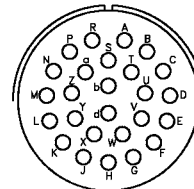


24-A25  
16  
A

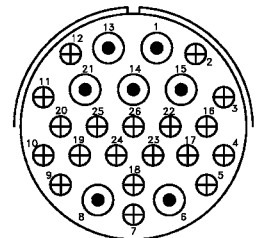


32-A25  
12  
A

### 26 CONTACTS



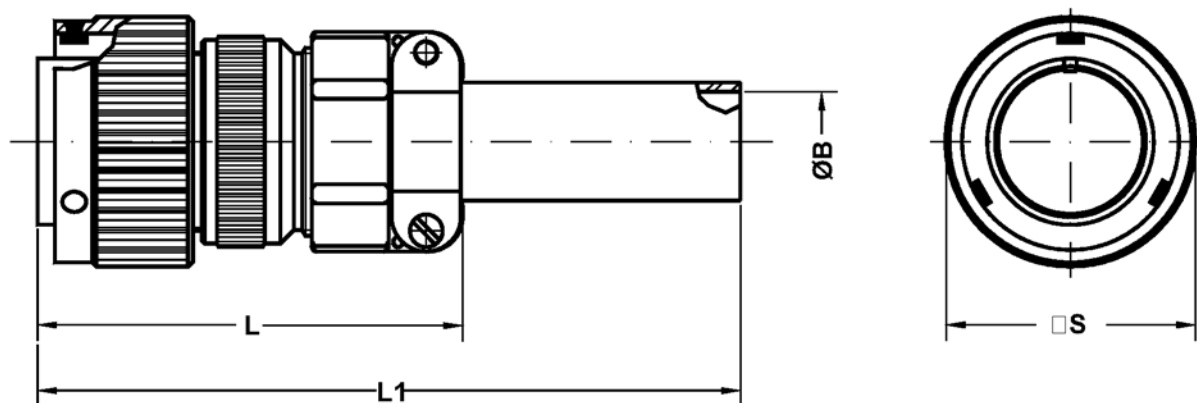
28-12  
16  
A



40-26  
7/8 , 19/12  
A

### CONTACT LEGEND



**CM1 3106 F****CM1 4106 F****Straight plug**

| Shell size | ØB<br>±0.1 | L<br>Max. | L1<br>Max. | ØQ<br>±0.2 |
|------------|------------|-----------|------------|------------|
| 10 SL      | 5.58       | 55.0      | 125        | 22.6       |
| 14 S       | 7.92       | 58.4      | 125        | 29.0       |
| 16 S       | 11.09      | 60.4      | 125        | 31.6       |
| 16         | 11.09      | 71.8      | 135        | 31.6       |
| 18         | 14.27      | 77.8      | 140        | 36.2       |
| 20         | 15.87      | 74.0      | 130        | 39.8       |
| 22         | 15.87      | 74.0      | 130        | 43.0       |
| 24         | 19.05      | 76.7      | 130        | 46.4       |
| 28         | 19.05      | 83.2      | 135        | 53.0       |
| 32         | 23.79      | 90.3      | 140        | 60.0       |
| 36         | 31.75      | 96.8      | 145        | 66.2       |
| 40         | 34.92      | 115.8     | 160        | 72.3       |

Straight plug.

Includes insulating grommet, backshell,  
class A **CM3057** cable clamp and neoprene  
sleeve.

No grommet supplied.

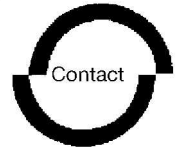


## HOW TO ORDER

| <u>FR</u> | <u>CM1</u> | <u>31</u> | <u>06</u> | <u>A</u> | <u>20-27</u> | <u>P</u> | <u>X</u> | <u>(...)</u> |
|-----------|------------|-----------|-----------|----------|--------------|----------|----------|--------------|
| <i>1</i>  | <i>2</i>   | <i>3</i>  | <i>4</i>  | <i>5</i> | <i>6</i>     | <i>7</i> | <i>8</i> | <i>9</i>     |

- 1* Omitted : Standard  
FR : Fire Resistant rubber
- 2* CM1 : Bayonet coupling  
\*CM4 : Bayonet coupling without stainless steel wear pins
- 3* 31 : Solder contacts  
41 : Crimp contacts
- 4* Style : 00 - 01 - 02 - 03 - 030 - 05 - 06 - 07 - 070 - 078 - 08 - 26
- 5* Class : A - F - G - GR - RS - SP - Y
- 6* Contact arrangement
- 7* P : Pin contacts  
S : Socket contacts  
P/S : Contacts for 02PP connectors
- 8* W - X - Y - Z : Alternate positions of the inserts
- 9* Modifications (see the next page)

\* Only for receptacles



### Metal parts

Aluminium alloy with Cadmium free surface coatings with an olive drab passivation .

### Contacts

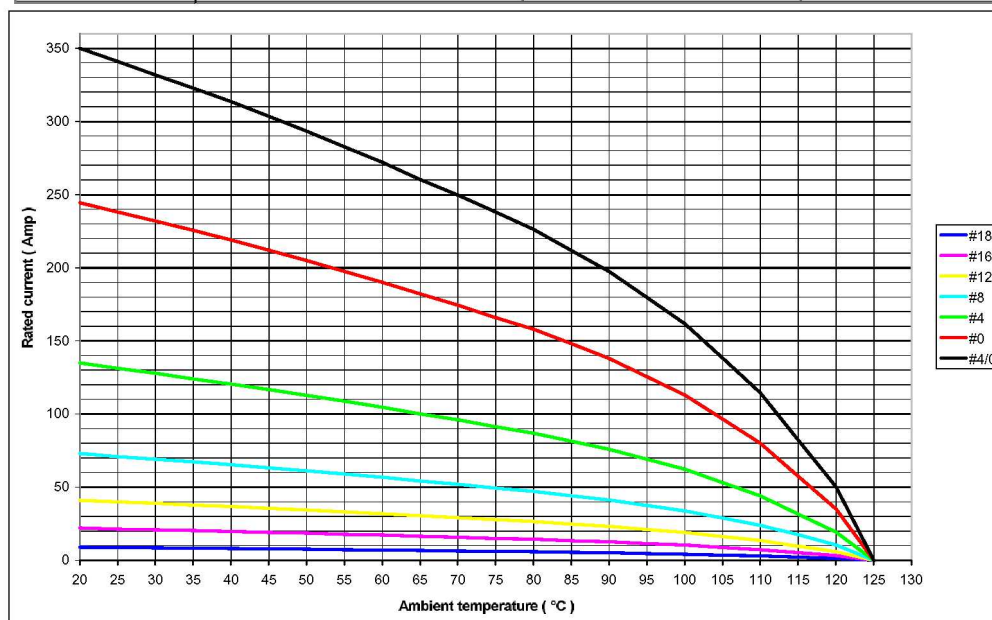
The following contact types are available :  
copper alloy with silver plating (Std) or gold plating (available on request).

### Insulating parts

High insulation synthetic rubber resistant to oils and high range of temperatures  
(-55°C to +125°C) in accordance with MIL-R-3065.  
Are also available in fire resistant and halogen free materials.

### Contacts

| Contact size | Rated current at 20°C | Max. Contact resist. | Wire size |
|--------------|-----------------------|----------------------|-----------|
| 18           | 7.5 A                 | 12.0 mΩ              | 20+26 AWG |
| 16           | 22 A                  | 6.0 mΩ               | 16+22 AWG |
| 12           | 41 A                  | 3.0 mΩ               | 12-14 AWG |
| 8            | 73 A                  | 1.0 mΩ               | 8-10 AWG  |
| 4            | 135 A                 | 0.5 mΩ               | 4-6 AWG   |
| 0            | 245 A                 | 0.3 mΩ               | 0+2 AWG   |
| 4/0          | 350 A                 | 0.2 mΩ               | 4/0 AWG   |



### Service rating ( Min insulating resistance : $\geq 5 \times 10^3 \text{ M}\Omega$ )

| Class | Operating voltage Vdc | Operating voltage VacRMS | Test voltage Vac RMS |
|-------|-----------------------|--------------------------|----------------------|
| INST. | 250 V                 | 200 V                    | 1000 V               |
| A     | 700 V                 | 500 V                    | 2000 V               |
| D     | 1250 V                | 900 V                    | 2800 V               |
| E     | 1750 V                | 1250 V                   | 3500 V               |
| B     | 2450 V                | 1750 V                   | 4500 V               |
| C     | 4200 V                | 3000 V                   | 7000 V               |