

**M R 3 C 15 P 07 - 24 E 5 / 16M1 - 18.0 - S01 - HT**

Series Designation  
**M** = Rugged Metal Shell

Insulator Material  
**R** = PPS Per MIL-M-24519 GST-40F

Number of Power or Coax Contacts  
 1 to 10 (Any combination of Power and Coax contacts can be used)

Combo Contact Type  
**C** = Coax  
**P** = Power  
 Gender of Power or Coax Contact is opposite of Signal Contact (i.e. A Connector with Signal Pin Contacts has Power or Coax Socket Contacts) Gender is designated in the Signal Contact Type option.

Number of Signal Contacts  
 0 up to 55

Signal Contact Type  
**P** = Pin Contact, **N** = Pin, Solder Cup  
**S** = Socket Contact, **T** = Socket, Solder Cup

Mounting/Coupling Hardware  
**0** = None

<b>Sizes 9 thru 51</b>	<b>Size 100</b>
<b>02</b> = Low Allen Head Jackscrew*	= <b>12</b>
<b>03</b> = High Allen Head Jackscrew	= <b>13</b>
<b>05</b> = Low Slotted Head Jackscrew*	= <b>15</b>
<b>06</b> = High Slotted Head Jackscrew	= <b>16</b>
<b>07</b> = Jackposts*	= <b>17</b>

(For float mount hardware please consult factory)

Wire Gauge (Signal leads)  
 24, 25, 26\*, 28, 30 AWG

Temp Range  
**Blank** = 125°C\*  
**HT** = 200°C (Special Order)

Shell Finish  
**S01** = Electroless Nickel\*  
**Blank** = Cadmium

Lead Length (omit for solder cup contacts)  
**18.0** = 18" \*  
**36.0** = 36" \*  
 Other lengths available by specifying in inches XX.X" or cm (e.g. M45)

Power Leads (Combo Contact Type P)  
**S** = Solder Cup Contacts (unwired)  
 (Omitting this variable will also designate unwired with solder cup contacts)

**16 M1** = Wired

Color Code and Wire Type  
**M1\*** - All White Leads per SAE-AS22759/11  
 Wire Size  
 16\*, 18 AWG

OR

Coax Cable Type (Combo Contact Type C)  
 RG178/U or RG196/U

Wire Color (Signal Leads)  
**1** = All White\*  
**2** = All Yellow  
**3** = Tin Plated Solid Wire  
**4** = Gold Plated Solid Wire  
**5** = Color Coded per MIL-STD-681C  
**6** = Solid Colors Repeat/No Stripes

Wire Type (Signal Leads)  
**C** = Solid Copper (Uninsulated) per QQ-W-343  
**E** = Type 'E' Teflon per MIL-W-16878/4\*  
**F** = Type 'ET' Teflon per MIL-W-16878/6  
**M** = Teflon per MIL-W-22579/11\*  
**Y** = Tefzel per MIL-W-22759/33

\* - Indicates Preferred Standard