**Series Designation**

- **B** = Rugged Plastic Shell

**Insulator Material**

- **R** = PPS Per MIL-M-24561 G3T-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

- **02** = Low Allen Head Jackscrew
- **03** = High Allen Head Jackscrew
- **06** = High Slotted Head Jackscrew
- **07** = Jackposts

**Wire Gauge (Signal leads)**

- 24, 25, 20*, 28, 30 AWG

**Temp Range**

- Blank = 125°C
- **HT** = 200°C (Special Order)

**Lead Length**

- (omit for solder cup contacts)
- **19.0 = 10** *
- **30.0 = 30** *

- Other lengths available by specifying in inches XX.X or cm (e.g., 45 cm)

**Power Leads (Combo Contact Type **P**)**

- **S** = Solder Cup Contacts (unwired)

- **16 M1 = Wired**

- Color and Wire Type

- **M1** = All White Leads per SAE J827B/11

- Wire Size

- 16*, 18 AWG

**OR**

- **Coax Cable Type (Combo Contact Type C)**

- RD178U or RD199U

**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