**CPD XXX X—X X X X X**

**Cristek Plastic Shell**

**Micro-D Connectors**

- **Number of Contacts**: 009 025 051 015 031 021 037
- **Gender**: P = plug, pin contacts, S = receptacle, socket contacts
- **Hardware**: 0 = none
- **M83513 Hardware - Factory Installed**: 2 = low profile hex drive jackscrew
- **3 = High Profile Hex Drive Jackscrew**
- **5 = Low Profile Slotted Jackscrew**
- **6 = High Profile Slotted Jackscrew**
- **7 = Jackpost Kit (Hardware Is #2-56)**
- **Shell Material**: 5 = Polyphenylene Sulfide
- **Termination**: 0000 - solder cup
- **Wire Type**: Stranded
  - **H = Harness** (MIL-W-16878/4)
  - **S = Space** (MIL-W-22759/33)
  - **M = Military** (MIL-W-22759/11)
- **Solid**: G = Gold Plated Copper
- **T = Tin/Lead Plated Copper**

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**Materials and Finishes Are IAW MIL-DTL-83513**

For details see MIL Spec or www.Cristek.com

1. **Materials**: Insulator - Glass Filled Thermo Plastic
   - Pin/Socket Contact - Copper Alloy
2. **Finish**: Pin/Socket Contact - Gold Over Nickel
3. **Specifications**:
   - Current Rating: 3 Amps Max
   - Temperature Rating: -55°C to +125°C
   - Insulation Resistance: 5000 Megohms Min
   - DFW at Sea Level: 600 Vac
   - DFW at 70,000 Ft Altitude: 150 Vac
   - Contact Retention:
     - 26 AWG (Stranded) = 28 MilliOhms Max.
     - 24 & 25 AWG (Solid) = 25 MilliOhms Max.
   - Engagement Force: 6 oz Max
   - Separation Force: 0.5 oz Min
4. **Additional Information**: Design and performance in general accordance with M83513 where applicable. For other terminations, contact Cristek.

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**Tolerance**: .XXX ±.005

**Title**: Micro-D Plastic Shell

**Sheet**: 2 of 2

**Application**

**Rev M**

**Cristek.com**

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