### Micro-D Hybrid Shell Flex Circuit Termination

**Plug Mating Face**

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**Receptacle Mating Face**

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- **CRISTEK Flex Termination**
- **Micro-D Connectors**
  (Mate with M83513)

#### Number of Contacts
- 009
- 025
- 051
- 015
- 031
- 021
- 037

#### Gender
- **P** = Plug, Pin Contacts
- **S** = Receptacle, Socket Contacts

#### Hardware
- **0** = None
- **F** = Float Mount
- **J** = High Profile Hex Drive Jackscrew
- **K** = High Profile Slotted Jackscrew
- **L** = Low Profile Hex Drive Jackscrew
- **K** = Low Profile Slotted Jackscrew
- **T** = Threaded Insert (Metal Only)

- **M83513 Hardware - Factory Installed**

**Termination**
- **In-Line Surface Mount (Plug Only)**
  (.017 x .004 flat lead, pre-solder dipped)
  1 = .105 - .135 inch
- **Right-Angle Thru Hole Mount (Plug or Receptacle)**
  (26 AWG solid pre-solder dipped)
  2 = 0.06 inch
  3 = 0.09 inch
  4 = 0.12 inch
  5 = Extender Card - 25 AWG

**Shell Finish (Metal) or Material (Plastic)**
- **A** = Cadmium
- **B** = Nickel
- **C** = Anodize
- **D** = Chem Film
- **E** = Black Cadmium
- **G** = Gold
- **P** = Plastic

**Additional Information**
- Design and performance in general accordance with M83513 where applicable.
- For other terminations, contact Cristek.

**Materials and Finishes**
- Metal Shell - Aluminum Alloy
- Metal Insulator - Glass Filled Thermoplastic
- Plastic Shell / Insulator - Glass Filled Thermoplastic
- Pin/Socket Contact - Copper Alloy
- Finish (Metal)
  - Shell - See options above
  - Contact - Gold over Nickel

**Specifications**
- **Current Rating**
  3 Amps Max
- **Temperature Rating**
  -55°C to +125°C
- **Insulation Resistance**
  5000 Megohms Min
- **DWV at Sea Level**
  600 Vac
- **DWV at 70,000 Ft Altitude**
  150 Vac
- **Contact Retention**
  5 lb Minimum Axial Load
- **Engagement Force**
  6 oz Max
- **Separation Force**
  0.5 oz Min

**Tolerance**
- .XXX ± .005
- .XX ± .01
- Angle ±1°

**Contact Information**
- Cristek: 888.265.9162
- Website: CRISTEK.COM

**Title**
- Micro-D Hybrid Shell Flex Circuit Termination

**Design and Manufacturing**
- Cristek Interconnects, Inc.