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**NOTE:** Angles ±1°

REV L

Cristek.com 888.265.9162
THINGS TO KNOW ABOUT MICRO STRIPS

1. FOR ORDERING PURPOSES SPECIFY ONLY THE NUMBER OF CONTACTS NEEDED, DO NOT INCLUDE POSITIONS FOR HARDWARE.

2. TO CALCULATE DIMENSIONS, ADD ONE CONTACT POSITION FOR EACH GUIDE PIN/SCREW/LATCH/OPENING REQUIRED.

3. IF HARDWARE IS ORDERED, EXCEPT LATCHES, IT IS INSTALLED IN THE RECEPTACLE. BE SURE TO ORDER PLUGS TO ACCEPT HARDWARE.

4. HARDWARE CAN BE MODIFIED, COMBINED OR POSITIONED TO CONFORM TO CUSTOMER SPECIFICATIONS. PLEASE CONTACT CRISTEK FOR FURTHER INFORMATION.

5. END-ON-END STACKING APPLICATIONS ARE ALSO AVAILABLE. PLEASE CONTACT CRISTEK FOR DETAILS.

6. STRIPS WITH OVER 30 CONTACTS MAY BE DIFFICULT TO MATE AND DEMATE AND TEND TO BECOME FRAGILE. CONTACT CRISTEK FOR APPLICATION ASSISTANCE.

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**PRODUCT INFORMATION**

**NAME**

CRISTEK PLASTIC MICRO STRIP

**NUMBER OF CONTACTS**

02 - 50 (SEE TABLE)

**GENDER**

P = PLUG, PIN CONTACTS
S = RECEPTACLE, SOCKET CONTACTS

**HARDWARE**

0 = NO HARDWARE INSTALLED
B = GUIDE PIN BEFORE CONTACT 1 IN RECEPTACLE, CORRESPONDING HOLE IN PLUG
D = GUIDE PIN AT BOTH ENDS OF RECEPTACLE, CORRESPONDING HOLES IN PLUG
G = GUIDE PIN IN RECEPTACLE OR CORRESPONDING HOLE IN PLUG (INDICATE POSITION IN PLUG OR RECEPTACLE AT END OF PART NO.)
S = 1 MM COUPLING SCREW AT BOTH ENDS OF RECEPTACLE, CORRESPONDING HOLES IN PLUG
L = LATCH INSTALLED IN CENTER POSITION.
(IN CONNECTORS WITH UNEVEN NUMBER OF CONTACTS, LATCH WILL BE INSTALLED IN THE CAVITY ONE POSITION HIGHER THAN THE CENTER POSITION.)

**INSULATOR MATERIAL**

5 = POLYPHENYLENE SULFIDE

**TERMINATION**

0000 - SOLDER CUP *
WIRE TYPE
STRANDED
H = HARNESS (MIL-W-16878/4)
M = MILITARY (MIL-W-22759/11) *
S = SPACE (MIL-W-22759/33)
SOLID
G = GOLD PLATED COPPER
T = SOLDER DIPPED COPPER *

**MATERIALS AND FINISHES ARE IAW MIL-DTL-83513** FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM

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**SPECIFICATIONS:**

1. MATERIALS:
   - INSULATOR - GLASS FILLED THERMOPLASTIC PIN/SOCKET CONTACT - COPPER ALLOY

2. FINISH:
   - CONTACT - GOLD OVER NICKEL

3. 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 RESISTANCE: 24, 26 & 28 AWG (STRANDED) = 70 mV DROP MAX AT 2.5 AMPS
   - CONTACT RETENTION: 5 lb MINIMUM AXIAL LOAD
   - SEPARATION FORCE: 0.5 oz MIN

4. ADDITIONAL INFORMATION:
   - DESIGN AND PERFORMANCE IN GENERAL ACCORDANCE WITH MR3513.
   - DUAL ROW MICRO STRIP AVAILABLE, SEE CDS.
   - CONTACT CRISTEK FOR OTHER CONFIGURATIONS.

5. END-ON-END STACKING APPLICATIONS ARE ALSO AVAILABLE. PLEASE CONTACT CRISTEK FOR DETAILS.

6. STRIPS WITH OVER 30 CONTACTS MAY BE DIFFICULT TO MATE AND DEMATE AND TEND TO BECOME FRAGILE. CONTACT CRISTEK FOR APPLICATION ASSISTANCE.

---

**TITLE**

MICRO STRIP

**DWG. NO.**

CMS

**REV**

L

**TOLERANCE:**

XXX ±.005
XX ±.01
ANGLE ±1°

**CONTACT CRISTEK FOR DETAILS.**

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