<table>
<thead>
<tr>
<th>NO. OF CONTACTS</th>
<th>A</th>
<th>B MAX</th>
<th>C**</th>
</tr>
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<td>1.435</td>
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<tr>
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<td>2.050</td>
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<tr>
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<td>1.90</td>
<td>1.985</td>
<td>2.100</td>
</tr>
<tr>
<td>40</td>
<td>1.95</td>
<td>2.035</td>
<td>2.150</td>
</tr>
</tbody>
</table>
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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**CMS XX X X X X X XX - TH**

- **THROUGH HOLE**
  - OMIT IF NOT APPLICABLE
  - (THROUGH HOLE AVAILABLE ONLY IN PLUG CONFIGURATION)

- **GUIDE PIN POLARIZING POSITION**
  - OMIT IF NOT APPLICABLE
  - (THE CONTACT NUMBER THE GUIDE PIN WILL FOLLOW - i.e. "6"; THE GUIDE PIN WILL FALL BETWEEN CONTACT #6 & #7)

- **WIRE LENGTH** (+1.00 / -0.00)
  - STRANDED
    - 1 = 6 INCHES
    - 2 = 12 INCHES
    - 3 = 18 INCHES
    - 4 = 24 INCHES
    - 5 = 36 INCHES
    - 6 = 72 INCHES
  - SOLID COPPER (+0.20 / -0.00)
    - 1 = 0.5 INCH
    - 2 = 1.0 INCH
    - 3 = 0.25 INCH

- **WIRE SIZE**
  - STRANDED WIRE
    - 0 = 26 AWG
    - 1 = 24 AWG
    - 2 = 28 AWG
  - SOLID WIRE
    - 0 = 25 AWG
    - 1 = 24 AWG

- **WIRE COLOR/TYPE**
  - 0 = WHITE STRANDED *
  - 1 = YELLOW STRANDED
  - 2 = 10 SOLID COLORS REPEATED *
  - 3 = FULL COLOR CODE
  - 9 = SOLID COPPER *

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**CMS XX X X X X X XX - TH**

- **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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**3. SPECIFICATIONS:**

- **CURRENT RATING**
  - 3 AMPS MAX
- **TEMPERATURE RATING**
  - -55° C TO +125° C
- **INSULATION RESISTANCE**
  - 5000 MEGOHMS MIN
- **DWV**
  - 70 mV DROP MAX AT 2.5 AMPS
  - 65 mV DROP MAX AT 2.5 AMPS
- **LOW LEVEL CONTACT**
  - 32 MILLIOHMS MAX
- **CONTACT RESISTANCE**
  - 6.0 MAX
- **SEPARATION FORCE**
  - 0.5 oz MIN

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**4. ADDITIONAL INFORMATION:**

- DESIGN AND PERFORMANCE IN GENERAL ACCORDANCE WITH M83513.
- DUAL ROW MICRO STRIP AVAILABLE, SEE CDS.
- CONTACT CRISTEK FOR OTHER CONFIGURATIONS.

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**5. MATERIALS:**

- INSULATOR - GLASS FILLED THERMOPLASTIC
- PIN/SOCKET CONTACT - COPPER ALLOY

**2. FINISH:**

- CONTACT - GOLD OVER NICKEL

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**3. ADDITIONAL INFORMATION:**

- STANDARD HEIGHT OF EPOXY. SOME SIZES AND APPLICATIONS MAY REQUIRE ADDITIONAL STRAIN RELIEF.
- CONTACT CRISTEK FOR DETAILS.