### WIRE OPTIONS TABULATION BLOCK

<table>
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<tr>
<th>LENGTH</th>
<th>+1.00</th>
<th>-0.00</th>
<th>+.200</th>
<th>-.000</th>
<th>WIRE TYPE</th>
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<td>18&quot;</td>
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<td>M22759/11-26-9 (ALL WHITE)</td>
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<td>M22759/11-26-*** COLOR CODE PER M83513</td>
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<td>M22759/33-26-9 (ALL WHITE)</td>
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<td>.5&quot;</td>
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<tr>
<td>1.0&quot;</td>
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<td>QQ-W-343, TYPE S 25 AWG GOLD PLATE .000010&quot; MIN</td>
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<td>QQ-W-343, TYPE S 25 AWG GOLD PLATE .000010&quot; MIN</td>
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<td>QQ-W-343, TYPE S 25 AWG TIN/LEAD PLATE .000100&quot; MIN</td>
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<td>QQ-W-343, TYPE S 25 AWG TIN/LEAD PLATE .000100&quot; MIN</td>
</tr>
</tbody>
</table>

**CIM 03 — X XX X**

CRISTEK'S P/N EQUIVALENT TO M83513 MIL SPEC.
PLUG, CLASS M, CRIMPED
PRE-WIRED NON REMOVABLE PIN CONTACTS

NUMBER OF CONTACTS
A = 9   D = 25   G = 51
B = 15  E = 31  H = 100
C = 21  F = 37

WIRE OPTIONS
SEE TABULATION BLOCK

SHELL FINISH
C = CADMIUM
N = NICKEL

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

1. MATERIALS:
   SHELL - ALUMINUM ALLOY
   INSULATOR - GLASS FILLED THERMOPLASTIC
   PIN CONTACT - COPPER ALLOY
   WIRE - SEE TABULATION BLOCK

2. FINISH:
   SHELL - ELECTROLESS NICKEL OR CADMIUM
   OVER ELECTROLESS NICKEL
   PIN CONTACT - GOLD OVER NICKEL

3. SPECIFICATIONS:
   CURRENT RATING ------------- 3 AMPS MAX
   TEMPERATURE RATING --------- +55°C TO +125°C C
   INSULATION RESISTANCE ------ 5000 MEGOHMS MIN
   DWV AT SEA LEVEL ----------- 600 VAC
   DWV AT 70,000 FT ALTITUDE ---- 150 VAC
   CONTACT RESISTANCE:
   26 AWG (STRAINED) = 28 MILLIOHMS MAX
   24 & 25 AWG (SOLID) = 25 MILLIOHMS MAX
   CONTACT RETENTION ----------- 5 lb MINIMUM AXIAL LOAD
   ENGAGEMENT FORCE ----------- 6 oz MAX
   SEPARATION FORCE ----------- 0.5 oz MIN

4. ADDITIONAL INFORMATION:
   FOR CROSS-REFERENCING CRISTEK PART NUMBERS TO M83513, SEE CROSS REFERENCE
   INFORMATION IN THE FRONT OF THIS SECTION.
   FOR MOUNTING HARDWARE OPTIONS, SEE THE HARDWARE PAGES AT THE END OF THIS SECTION

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TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

TITLE: MICROMINIATURE D METAL SHELL PLUG, CRIMPED-PREWIRED
SHT 2 OF 2
DWG. NO. M83513/03
REV G

CRISTEK.COM 888.265.9162