<table>
<thead>
<tr>
<th>NO. OF CONTACTS</th>
<th>A MAX</th>
<th>B BSC</th>
<th>C MAX</th>
</tr>
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<td>1.265</td>
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<td>51</td>
<td>1.438</td>
<td>1.215</td>
<td>1.058</td>
</tr>
</tbody>
</table>

9-37 CONTACTS

51 CONTACTS
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) = 70mV DROP MAX AT 2.5 AMPS.
- 24 & 25 AWG (SOLID) = 65mV DROP MAX AT 2.5 AMPS.
- 24 & 25 AWG (SOLID) = 65mV DROP MAX AT 2.5 AMPS.
- 24 & 25 AWG (SOLID) = 65mV DROP MAX AT 2.5 AMPS.
**CONTACT RETENTION** ------------- 5 lb MINIMUM AXIAL LOAD
**ENGAGEMENT FORCE** ------------- 6 oz MAX
**SEPARATION FORCE** ---------------- 0.5 oz MIN

**WIRE LENGTH**
- STRANDED (+ 1.00 / - 0.00)
  - 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 STRANDED *
- 9 = SOLID COPPER *

**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

* = MOST COMMONLY USED & STOCKED WIRE TYPES AND HARDWARE OPTIONS

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

1. MATERIALS:
- SHELL - ALUMINUM ALLOY OR STAINLESS STEEL
- INSULATOR - GLASS FILLED THERMOPLASTIC
- PIN/SOCKET CONTACT - COPPER ALLOY

2. FINISH:
- SHELL - SEE OPTIONS ABOVE
- PIN/SOCKET CONTACT - GOLD OVER NICKEL

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

**TITLE**
- MICRO-D LOW PROFILE METAL SHELL

**REV** B

CRISTEK.COM  888.265.9162
PLUG MATING FACE

RECEPTACLE MATING FACE