

CHARACTERISTICS

MATERIALS

HOUSING : BRASS
 HOUSING PLATING : 196µ" NICKEL MIN.
 SHELL & COLLET NUT: BRASS, 196µ" CHROME PLATED MIN.
 CONTACTS : COPPER ALLOY
 CONTACT PLATING : 7µ" GOLD PLATED OVER 196µ" NICKEL MIN.
 INSULATOR : PPS (HIGH TEMPERATURE)
 STRAIN RELIEF (BOOT) : THERMOPLASTIC POLYURETHANE

MECHANICAL

DURABILITY: 5000 CYCLES
 OPERATING TEMP. RANGE: -40° C ~ +200° C
 PROCESS TEMPERATURE : 260°C FOR 5 SECONDS
 MAX. TORQUE VALUE : 0.5 Nm [4.4 IN/LBS]
 SHIELDING: 75dB @ 10MHz
 40dB @ 1GHz

IP RATING: 50

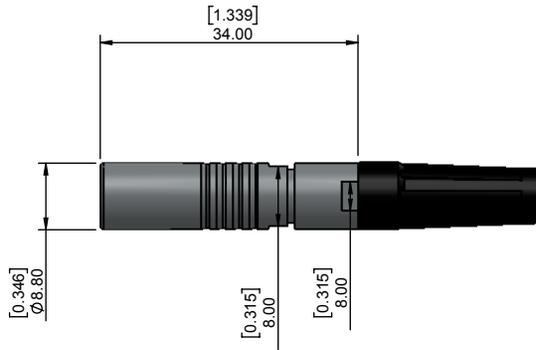


CHART B

| COLLET SIZE | WIRE DIAMETER |
|-------------|-----------------------------|
| 30 | 2.50 [0.098] ~ 3.20 [0.126] |
| 40 | 3.30 [0.130] ~ 4.20 [0.165] |
| 50 | 4.30 [0.169] ~ 5.20 [0.205] |

CHART A

● = KEY LOCATION

VIEW FROM TERMINATION END

| | | | | | | |
|---|--|---|---|--|--|--|
| 2 POSITION 22 AWG MAX. 10 AMP MAX. PIN Ø = 0.90 [0.035] CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1000V WORKING VOLTAGE = 330V | 3 POSITION 22 AWG MAX. 8 AMP MAX. PIN Ø = 0.90 [0.035] CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1200V WORKING VOLTAGE = 400V | 4 POSITION 24 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028] CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V | 5 POSITION 24 AWG MAX. 6.5 AMP MAX. PIN Ø = 0.70 [0.028] CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V | 6 POSITION 28 AWG MAX. 2.5 AMP MAX. PIN Ø = 0.50 [0.020] CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V | 7 POSITION 28 AWG MAX. 2.5 AMP MAX. PIN Ø = 0.50 [0.020] CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 800V WORKING VOLTAGE = 260V | 9 POSITION 28 AWG MAX. 2 AMP MAX. PIN Ø = 0.50 [0.020] CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 600V WORKING VOLTAGE = 200V |
|---|--|---|---|--|--|--|

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| DRAWN: M. SIGMON | DATE: 02-02-16 | SCALE: N.T.S. | SHEET 1 OF 1 | REV: 6 |
| | | | DWG NO. 820BYYY-273LYY1 | |