

CHARACTERISSTICS

MATERIALS

- SHELL : BRASS
- SHELL PLATING : NICKEL
- NUT : BRASS
- NUT PLATING : NICKEL
- LATCH SLEEVE : BRASS
- LATCH SLEEVE PLATING : NICKEL
- CONTACTS : COPPER ALLOY
- CONTACT PLATING : 7µ" GOLD PLATED OVER 196µ" NICKEL MIN.
- INSULATOR : PPS (HIGH TEMPERATURE)

MECHANICAL

- DURABILITY: 5000 CYCLES
- OPERATING TEMP. RANGE: -40° C ~ +200° C
- PROCESS TEMPERATURE : 260°C FOR 5 SECONDS
- MAX. TORQUE VALUE : 6.0 Nm [53 IN/lbs]
- SHIELDING: 75dB @ 10MHz
- 40dB @ 1GHz

IP RATING: 50

822B YYY - 1 0 3 R 00 1

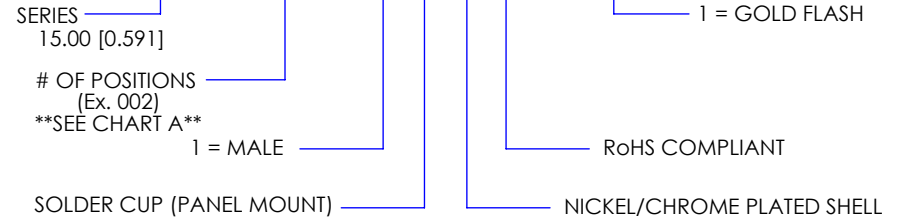
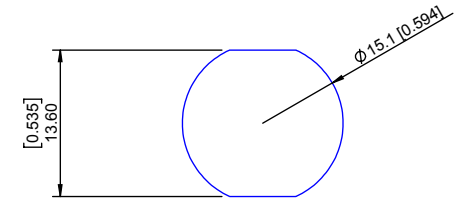


CHART A

● = KEY LOCATION

VIEW FROM TERMINATION END

| | | | | | |
|---|---|---|--|--|--|
| 2 POSITION 14 AWG MAX. 30 AMP MAX. PIN Ø = 2.00 [0.079] CONTACT RESISTANCE = 3 mΩ TEST VOLTAGE = 2100V WORKING VOLTAGE = 700V | 3 POSITION 18 AWG MAX. 17 AMP MAX. PIN Ø = 1.60 [0.063] | 4 POSITION 20 AWG MAX. 15 AMP MAX. PIN Ø = 1.30 [0.051] | 6 POSITION 20 AWG MAX. 12 AMP MAX. PIN Ø = 1.30 [0.051] | 8 POSITION 22 AWG MAX. 10 AMP MAX. PIN Ø = 0.90 [0.035] | |
| 10 POSITION 22 AWG MAX. 8 AMP MAX. PIN Ø = 0.90 [0.035] | 12 POSITION 24 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028] | 14 POSITION 24 AWG MAX. 6.5 AMP MAX. PIN Ø = 0.70 [0.028] | 16 POSITION 24 AWG MAX. 6 AMP MAX. PIN Ø = 0.70 [0.028] | 19 POSITION 24 AWG MAX. 5 AMP MAX. PIN Ø = 0.70 [0.028] | |
| 26 POSITION 28 AWG MAX. 2 AMP MAX. PIN Ø = 0.50 [0.020] | CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1450V WORKING VOLTAGE = 500V | | | | |
| CONTACT RESISTANCE = 4 mΩ TEST VOLTAGE = 2400V WORKING VOLTAGE = 800V | | CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1850V WORKING VOLTAGE = 610V | | CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1350V WORKING VOLTAGE = 450V | |
| CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1250V WORKING VOLTAGE = 480V | | CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1150V WORKING VOLTAGE = 380V | | CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V | |



PANEL CUTOUT

TOLERANCE = +0.10, -0.0
[+0.004, -0.00]

RoHS COMPLIANT



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| DRAWN: M. SIGMON | DATE: 02-05-16 | SCALE: N.T.S. | SHEET 1 OF 1 | REV: 2 |
| CHECKED: | DATE: | | DWG NO. 822BYYY-103R001 | |