

CHARACTERISTICS

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 - 203R F01

SERIES
15.00 [0.591]# OF POSITIONS
(Ex. 002)
SEE CHART A

2 = FEMALE

1 = GOLD FLASH

SOLDER CUP (PANEL MOUNT)

FIXED FRONT NUT

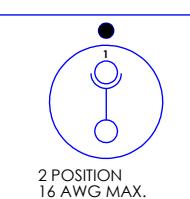
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NICKEL/CHROME PLATED SHELL

CHART A

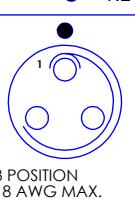
● = KEY LOCATION

VIEW FROM TERMINATION END



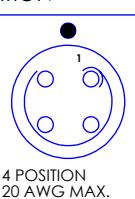
2 POSITION
16 AWG MAX.
20.5 AMP MAX.
PIN Ø = 2.00 [0.079]

CONTACT
RESISTANCE = 3 mΩ
TEST VOLTAGE = 2100V
WORKING VOLTAGE = 700V



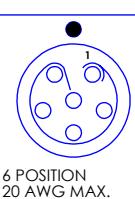
3 POSITION
18 AWG MAX.
17 AMP MAX.
PIN Ø = 1.60 [0.063]

CONTACT
RESISTANCE = 4 mΩ
TEST VOLTAGE = 2400V
WORKING VOLTAGE = 800V



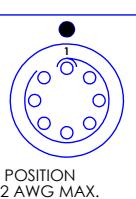
4 POSITION
20 AWG MAX.
15 AMP MAX.
PIN Ø = 1.30 [0.051]

CONTACT
RESISTANCE = 5 mΩ
TEST VOLTAGE = 1850V
WORKING VOLTAGE = 615V



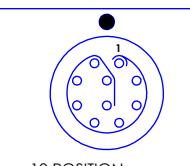
6 POSITION
20 AWG MAX.
12 AMP MAX.
PIN Ø = 1.30 [0.051]

CONTACT
RESISTANCE = 5 mΩ
TEST VOLTAGE = 1350V
WORKING VOLTAGE = 450V



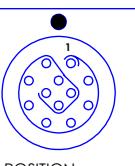
8 POSITION
22 AWG MAX.
10 AMP MAX.
PIN Ø = 0.90 [0.035]

CONTACT
RESISTANCE = 6 mΩ
TEST VOLTAGE = 1500V
WORKING VOLTAGE = 500V



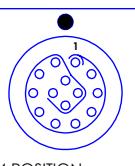
10 POSITION
22 AWG MAX.
8 AMP MAX.
PIN Ø = 0.90 [0.035]

CONTACT
RESISTANCE = 6 mΩ
TEST VOLTAGE = 1450V
WORKING VOLTAGE = 500V



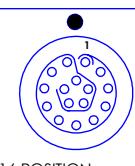
12 POSITION
24 AWG MAX.
7 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT
RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 1250V
WORKING VOLTAGE = 480V



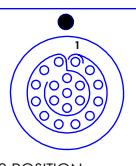
14 POSITION
24 AWG MAX.
6.5 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT
RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 1150V
WORKING VOLTAGE = 380V



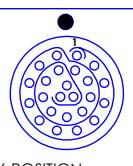
16 POSITION
24 AWG MAX.
6 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT
RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 950V
WORKING VOLTAGE = 315V



19 POSITION
24 AWG MAX.
5 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT
RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 950V
WORKING VOLTAGE = 315V



26 POSITION
28 AWG MAX.
1.5 AMP MAX.
PIN Ø = 0.50 [0.020]

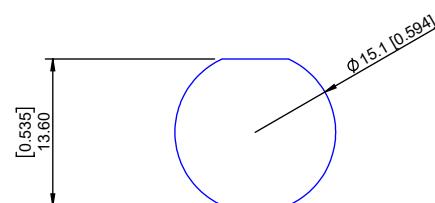
CONTACT
RESISTANCE = 10 mΩ
TEST VOLTAGE = 950V
WORKING VOLTAGE = 315V

RoHS COMPLIANT



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DRAWN:
B. BRIDGESDATE:
12/05/2017SCALE:
N.T.S.SHEET
1
OF
1REV:
3DWG NO.
822BYYY-203RF01

PANEL CUTOUT

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