



## CHART A

● = KEY LOCATION

\*\*VIEW FROM TERMINATION END\*\*

2 POSITION 16 AWG MAX. 25 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. 2 AMP MAX. PIN Ø = 0.50 [0.020]  CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V				

## RoHS COMPLIANT



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# NorComp

CHARACTERISTICS  
MATERIALS

HOUSING : BRASS  
HOUSING PLATING : 196 $\mu$ " NICKEL MIN.  
SHELL & COLLET NUT: BRASS, 196 $\mu$ " CHROME PLATED MIN.  
CONTACTS : COPPER ALLOY  
CONTACT PLATING : 7 $\mu$ " GOLD PLATED OVER 196 $\mu$ " 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: 2.5 Nm [22.1 IN/LBS]  
SHIELDING: 75dB @ 10MHz  
40dB @ 1GHz

IP RATING: 50

822B YYY - 273L YY1

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

2 = FEMALE

CABLE MOUNT

1 = GOLD FLASH  
COLLET SIZE  
\*\*SEE CHART B\*\*

RoHS COMPLIANT

NICKEL/CHROME PLATED SHELL

## CHART B

COLLET SIZE	WIRE DIAMETER
50	4.30 [0.169] ~ 5.20 [0.205]
60	5.30 [0.209] ~ 6.20 [0.244]
70	6.30 [0.248] ~ 7.20 [0.283]
80	7.30 [0.287] ~ 8.20 [0.323]
90	8.30 [0.327] ~ 9.20 [0.362]
00	9.30 [0.366] ~ 10.20 [0.402]

DRAWN: M. SIGMON	DATE: 02-03-16	SCALE: N.T.S.	SHEET 1	OF 1	REV: 7
			DWG NO. 822BYYY-273LYY1		