

821K YYY - 2 1 3 R 00 1

SERIES 13.00 [0.512]

OF POSITIONS (Ex. 002) **SEE CHART A**

2 = FEMALE

1 = GOLD FLASH

RoHS COMPLIANT

VERTICAL (PANEL MOUNT)

NICKEL/CHROME PLATED SHELL

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)

O-RING : SILICONE

MECHANICAL

DURABILITY: 5000 CYCLES

OPERATING TEMP. RANGE: -40° C ~ +200° C

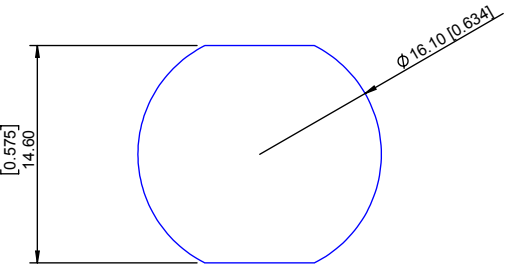
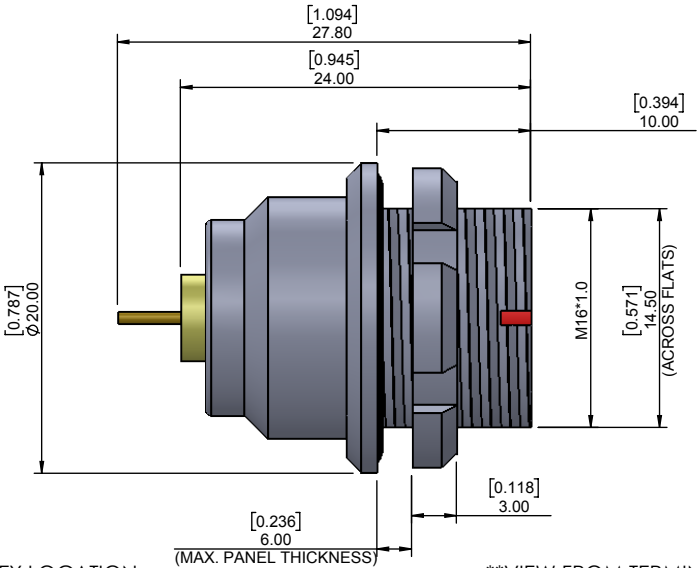
PROCESS TEMPERATURE : 260°C FOR 5 SECONDS

MAX. TORQUE VALUE : 7.0 Nm [61.0 IN/lbs]

SHIELDING: 75dB @ 10MHz

40dB @ 1GHz

IP RATING: 67



PANEL CUTOUT

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

CHART A

● = KEY LOCATION **VIEW FROM TERMINATION END**

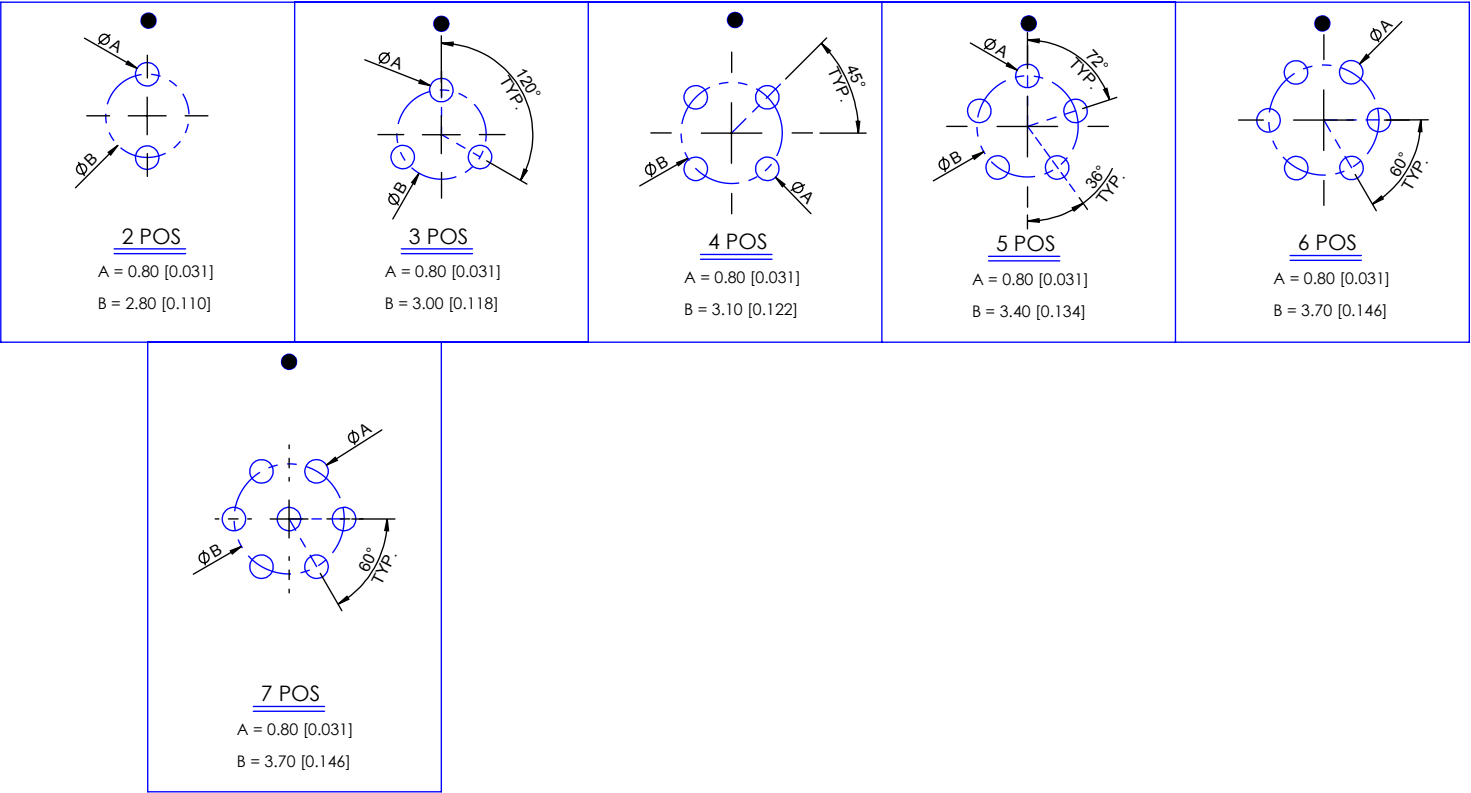
2 POSITION 15 AMP MAX. PIN Ø = 1.30 [0.051]	3 POSITION 12 AMP MAX. PIN Ø = 1.30 [0.051]	4 POSITION 10 AMP MAX. PIN Ø = 0.90 [0.035]	5 POSITION 9 AMP MAX. PIN Ø = 0.90 [0.035]	6 POSITION 7 AMP MAX. PIN Ø = 0.70 [0.028]	7 POSITION 7 AMP MAX. PIN Ø = 0.70 [0.028]
CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1500V WORKING VOLTAGE = 500V	CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1300V WORKING VOLTAGE = 430V	CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1300V WORKING VOLTAGE = 430V	CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1250V WORKING VOLTAGE = 415V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1050V WORKING VOLTAGE = 350V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V

NOTE
SEE PAGE 2 FOR
BOARD LAYOUTS

RoHS COMPLIANT

BOARD LAYOUTS

● = KEY LOCATION



RoHS COMPLIANT



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DRAWN: M. SIGMON	DATE: 02-25-16	SCALE: N.T.S.	SHEET 2	OF 2	REV: 2
			DWG NO. 821KYYY-213R001		