

820K YYY - 2 0 3 R 00 1

SERIES 11.00 [0.433] 1 = GOLD FLASH  
 # OF POSITIONS (Ex. 002) 2= FEMALE  
 \*\*SEE CHART A\*\*  
 SOLDER CUP (PANEL MOUNT) NICKEL/CHROME PLATED SHELL  
 RoHS COMPLIANT

CHARACTERISSTICS

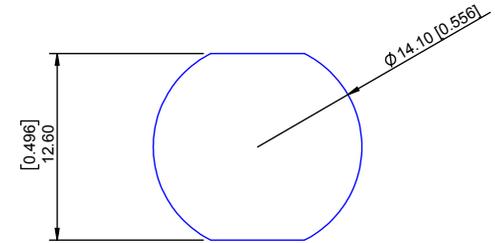
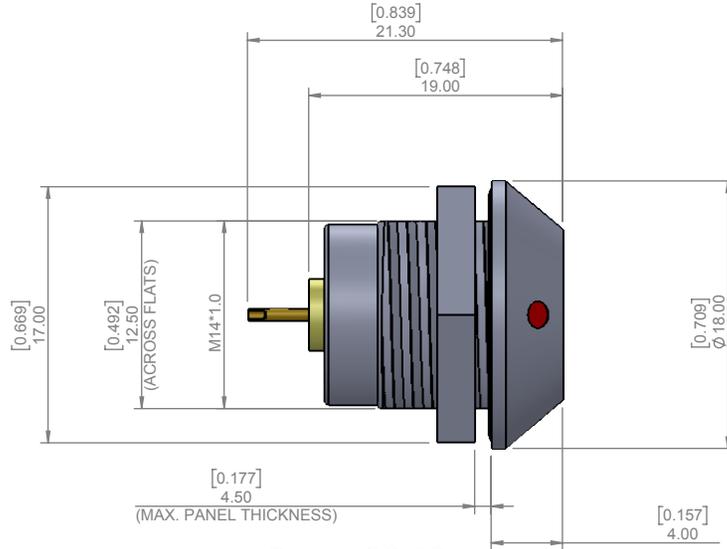
MATERIALS

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 : 5.0 Nm [44.0 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 22 AWG MAX. 10 AMP MAX. PIN Ø = 0.90 [0.035]	3 POSITION 22 AWG MAX. 8 AMP MAX. PIN Ø = 0.90 [0.035]	4 POSITION 24 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028]	5 POSITION 24 AWG MAX. 6.5 AMP MAX. PIN Ø = 0.70 [0.028]	6 POSITION 28 AWG MAX. 2.5 AMP MAX. PIN Ø = 0.50 [0.020]	7 POSITION 28 AWG MAX. 2.5 AMP MAX. PIN Ø = 0.50 [0.020]	9 POSITION 28 AWG MAX. 2 AMP MAX. PIN Ø = 0.50 [0.020]
CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1300V WORKING VOLTAGE = 430V	CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1200V WORKING VOLTAGE = 400V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 800V WORKING VOLTAGE = 260V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 600V WORKING VOLTAGE = 200V

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DRAWN: M. SIGMON	DATE: 02-25-16	SCALE: N.T.S.	SHEET 1 OF 1	REV: 2
CHECKED:	DATE:		DWG NO. 820KYYY-203R001	