

8P1P YYY 2 1 0 GR F 01

SERIES 14.00 [0.551]  
 # OF POSITIONS (Ex. 002)  
 \*\*SEE CHART A\*\*  
 2 = FEMALE  
 VERTICAL (PANEL MOUNT)  
 PLASTIC SHELL  
 1 = GOLD FLASH  
 F = FRONT MOUNT  
 RoHS COMPLIANT  
 NUT COLOR  
 G = GREY

CHARACTERISTICS

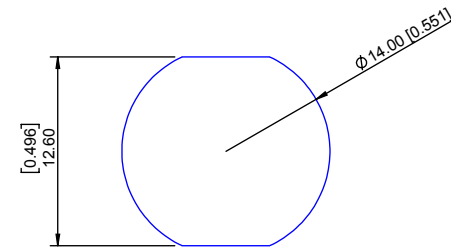
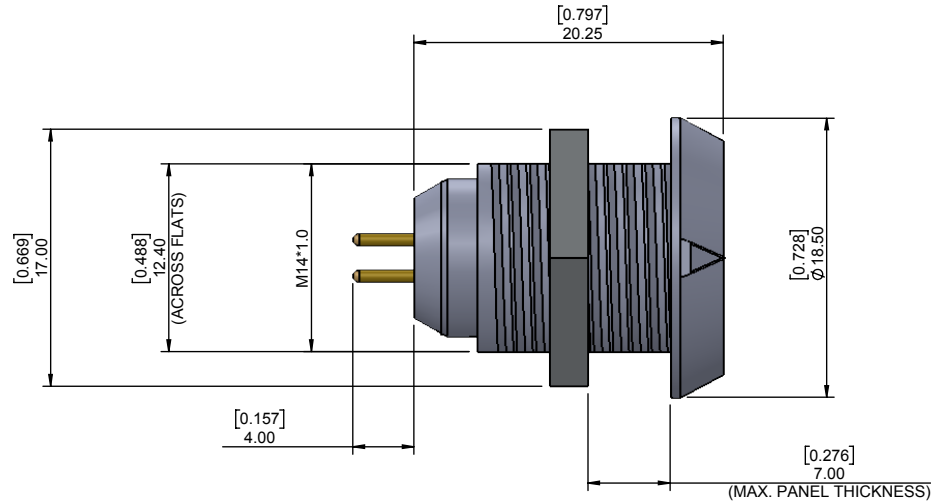
MATERIALS

HOUSING : ABS+PC  
 HOUSING COLOR : GREY  
 NUT : BRASS  
 NUT PLATING : NICKEL  
 CONTACTS : COPPER ALLOY  
 CONTACT PLATING : 7µ" GOLD PLATED OVER 196µ" NICKEL MIN.  
 INSULATOR : PPS (HIGH TEMPERATURE)

MECHANICAL

DURABILITY: 2000 CYCLES  
 OPERATING TEMP. RANGE: -20° C ~ +120° C  
 PROCESS TEMPERATURE : 260°C FOR 5 SECONDS  
 MAX. TORQUE VALUE : 0.7 Nm [6.19 IN/lbs]

IP RATING: 50



PANEL CUTOUT

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

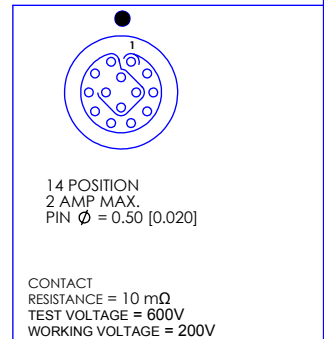


CHART A

● = KEY LOCATION

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

2 POSITION, 10 AMP MAX. PIN Ø = 1.30 [0.051]	3 POSITION, 10 AMP MAX. PIN Ø = 1.30 [0.051]	4 POSITION, 8 AMP MAX. PIN Ø = 0.90 [0.035]	5 POSITION, 7 AMP MAX. PIN Ø = 0.90 [0.035]	6 POSITION, 6 AMP MAX. PIN Ø = 0.70 [0.028]	7 POSITION, 5 AMP MAX. PIN Ø = 0.70 [0.028]	8 POSITION, 5 AMP MAX. PIN Ø = 0.70 [0.028]	9 POSITION, 3 AMP MAX. PIN Ø = 0.50 [0.020]	10 POSITION, 3 AMP MAX. PIN Ø = 0.50 [0.020]
CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1200V WORKING VOLTAGE = 400V	CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1200V WORKING VOLTAGE = 400V	CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1200V WORKING VOLTAGE = 400V	CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1050V WORKING VOLTAGE = 350V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1050V WORKING VOLTAGE = 350V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1050V WORKING VOLTAGE = 350V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1050V WORKING VOLTAGE = 350V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V

RoHS COMPLIANT



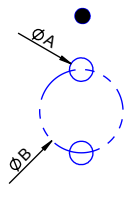
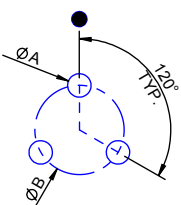
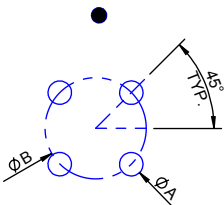
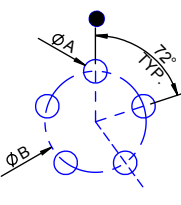
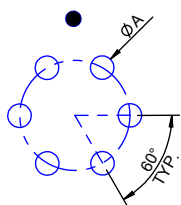
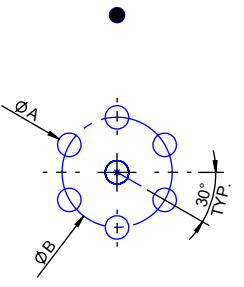
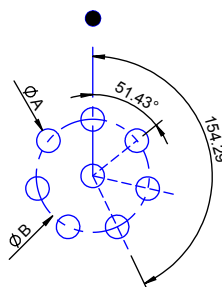
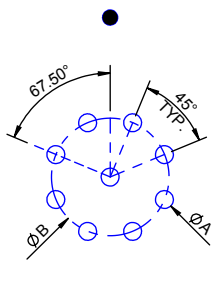
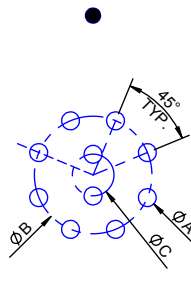
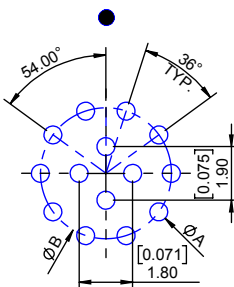
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DRAWN: M. SIGMON	DATE: 10-04-16	SCALE: N.T.S.	SHEET 1	OF 2	REV: 2
			DWG NO. 8P1PYYY210GRF01		

# BOARD LAYOUTS

● = KEY LOCATION

 <p><u>2 POS</u> A = 0.80 [0.031] B = 2.80 [0.110]</p>	 <p><u>3 POS</u> A = 0.80 [0.031] B = 3.00 [0.118]</p>	 <p><u>4 POS</u> A = 0.80 [0.031] B = 3.40 [0.134]</p>	 <p><u>5 POS</u> A = 0.80 [0.031] B = 3.40 [0.134]</p>	 <p><u>6 POS</u> A = 0.70 [0.028] B = 3.70 [0.146]</p>
 <p><u>7 POS</u> A = 0.70 [0.028] B = 3.70 [0.146]</p>	 <p><u>8 POS</u> A = 0.70 [0.028] B = 3.80 [0.150]</p>	 <p><u>9 POS</u> A = 0.70 [0.028] B = 3.85 [0.152]</p>	 <p><u>10 POS</u> A = 0.70 [0.028] B = 3.95 [0.156] C = 1.40 [0.055]</p>	 <p><u>14 POS</u> A = 0.70 [0.028] B = 4.40 [0.173]</p>

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SHEET 2 OF 2

REV: 2

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