

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

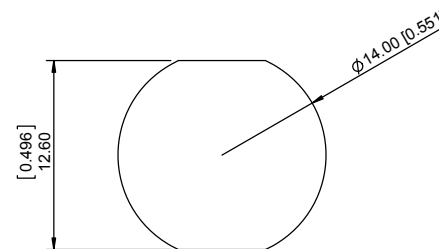
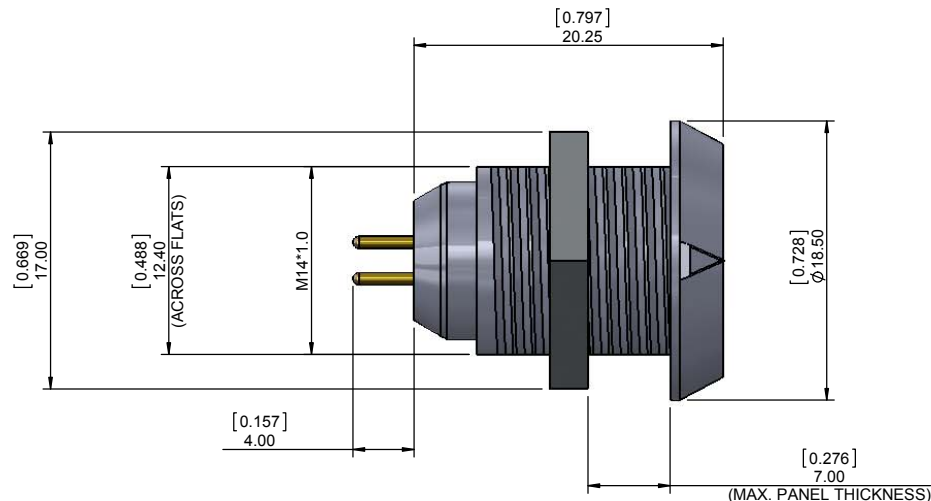
MATERIALS

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]

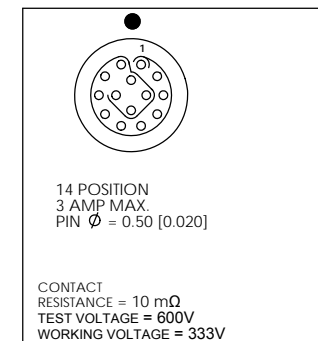


CHART A

● = 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 8 AMP MAX. PIN Ø = 0.90 [0.035]	6 POSITION 6 AMP MAX. PIN Ø = 0.70 [0.028]	7 POSITION 6 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 = 1250V WORKING VOLTAGE = 500V	CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1250V WORKING VOLTAGE = 500V	CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1250V WORKING VOLTAGE = 500V	CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1100V WORKING VOLTAGE = 500V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1000V WORKING VOLTAGE = 450V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1000V WORKING VOLTAGE = 450V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 875V WORKING VOLTAGE = 400V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 600V WORKING VOLTAGE = 333V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 600V WORKING VOLTAGE = 333V

RoHS COMPLIANT



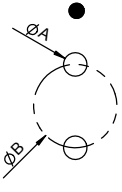
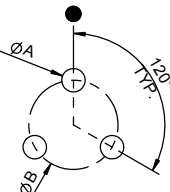
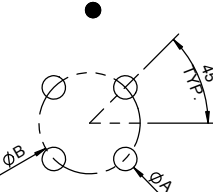
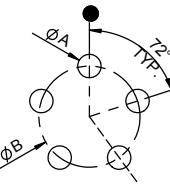
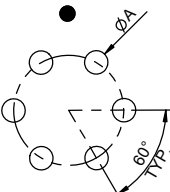
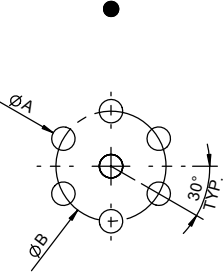
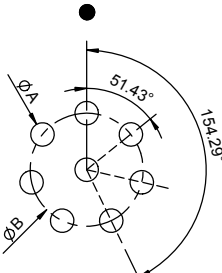
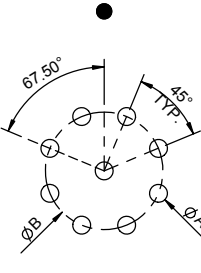
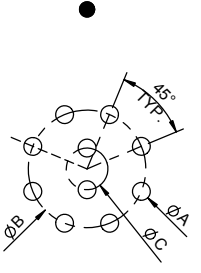
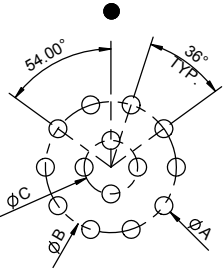
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CHECKED:	DATE:		DWG NO. 8P1PYYY210GRF01	

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 = 0.80 [0.031] B = 3.70 [0.146]</p>
 <p><u>7 POS</u> A = 0.80 [0.031] B = 3.70 [0.146]</p>	 <p><u>8 POS</u> A = 0.80 [0.031] 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] C = 1.90 [0.075]</p>

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