

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

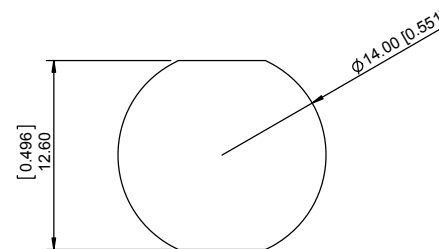
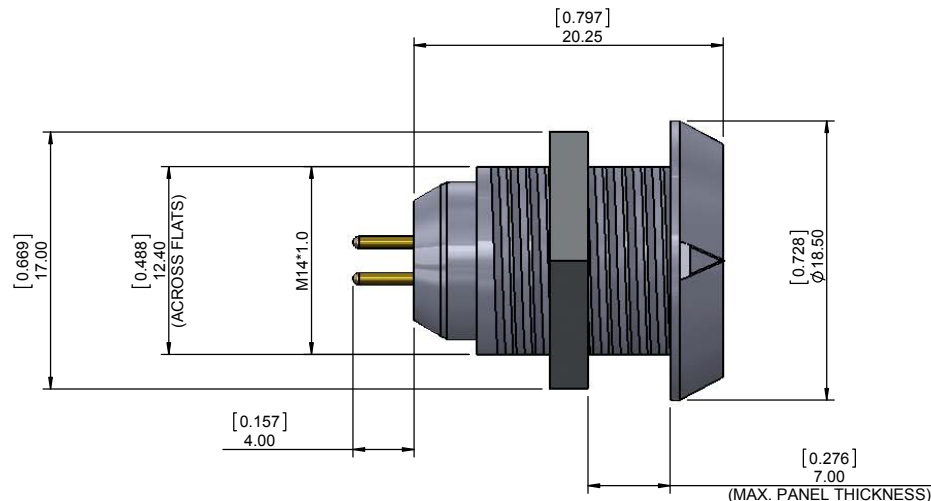
MATERIALS

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]

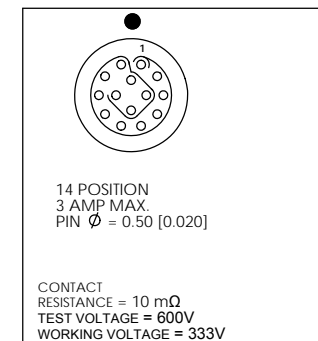


CHART A

● = 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



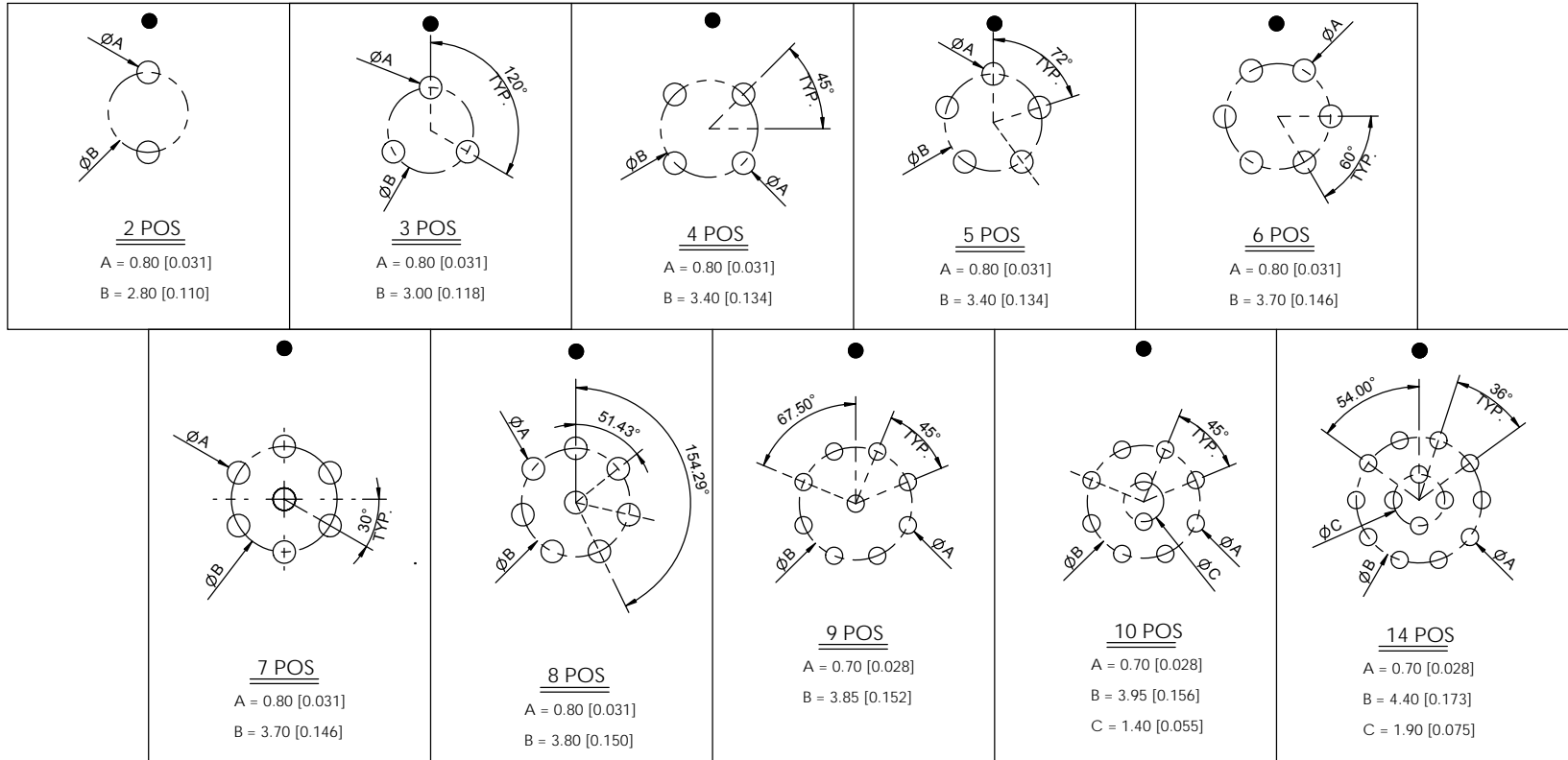
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DRAWN: M. SIGMON	DATE: 10-04-16	SCALE: N.T.S.	SHEET 1 OF 2	REV: 1
CHECKED:	DATE:		DWG NO. 8P1PYYY210GRF01	

BOARD LAYOUTS

● = KEY LOCATION



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M. SIGMON

DATE:
10-04-16

SCALE:
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SHEET OF
2 OF 2

REV:
1

CHECKED:

DATE:

DWG NO.
8P1PYYY210GRF01

Mouser Electronics

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