

8P1P YYY 2 1 0 YR BR 1

SERIES 14.00 [0.551]

OF POSITIONS (Ex. 002)
SEE CHART A

2 = FEMALE

BOARD MOUNT (PANEL MOUNT)

PLASTIC SHELL

1 = GOLD FLASH

RoHS COMPLIANT

NUT "B" COLOR
G = GREY
A = BLUE
J = YELLOW
N = BLACK
R = RED
V = GREEN

CHARACTERISTICS

MATERIALS

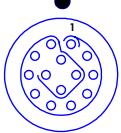
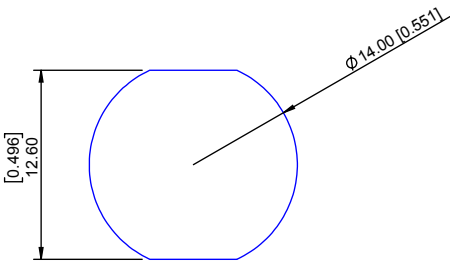
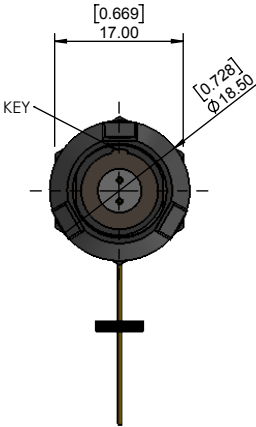
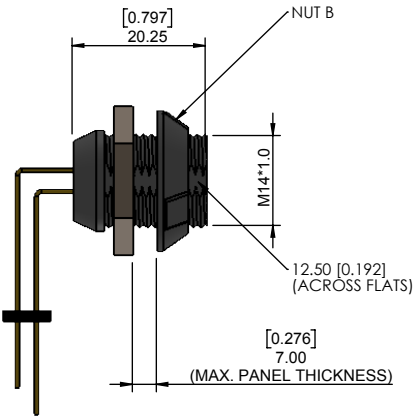
HOUSING : ABS+PC
HOUSING COLOR : GREY
NUT A : BRASS
NUT A PLATING : NICKEL
CONTACTS : COPPER ALLOY
CONTACT PLATING : 7μ" GOLD PLATED OVER 196μ" NICKEL MIN.
INSULATOR : PPS (HIGH TEMPERATURE)

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

****NOTE****
SEE PAGE 2 FOR BOARD LAYOUTS



14 POSITION
2 AMP MAX.
PIN Ø = 0.50 [0.020]

CONTACT
RESISTANCE = 10 mΩ
TEST VOLTAGE = 600V
WORKING VOLTAGE = 200V

PANEL CUTOUT

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

CHART A

● = KEY LOCATION

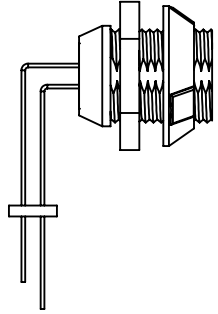
VIEW FROM TERMINATION END

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

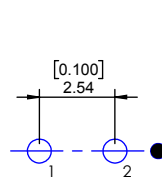
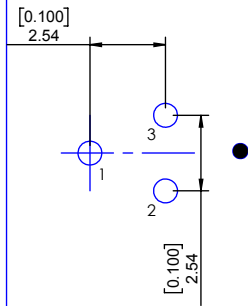
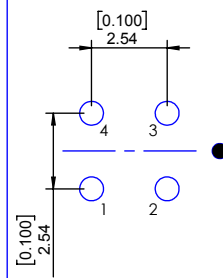
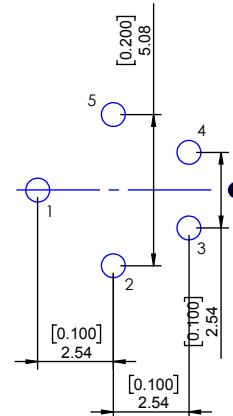
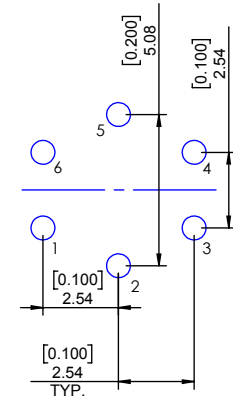
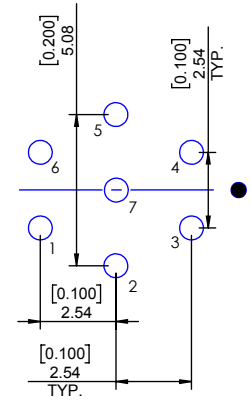
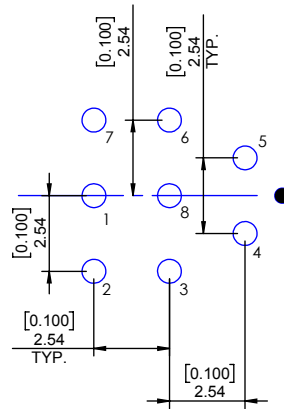
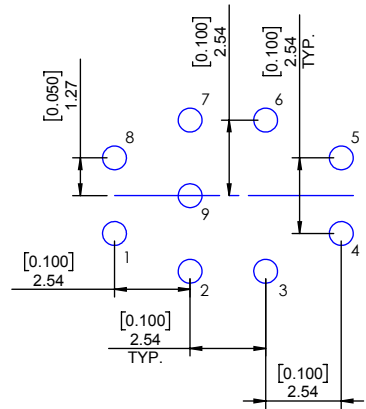
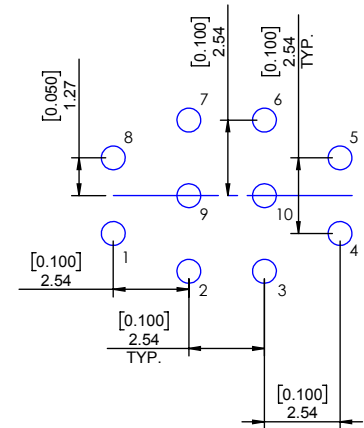
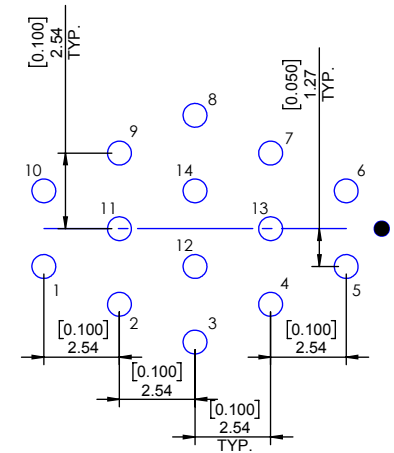
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						DWG NO. 8P1PYYY210YRBR1		

● = KEY LOCATION



HOLE DIAMETERS

2 POS : 0.90 [0.035]
 3-14 POS : 0.80 [0.031]

2 POS3 POS4 POS5 POS6 POS7 POS8 POS9 POS10 POS14 POS**RoHS COMPLIANT**

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SHEET
2 OF 2

REV:
2

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Mouser Electronics

Authorized Distributor

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<u>8P1P009210VRBR1</u>	<u>8P1P014210NRBR1</u>	<u>8P1P006210RRBR1</u>	<u>8P1P008210RRBR1</u>	<u>8P1P009210NRBR1</u>
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