

**8P1P YYY 2 1 0 YR B 01**

SERIES 14.00 [0.551]

# OF POSITIONS (Ex. 002)  
\*\*SEE CHART A\*\*

2 = FEMALE

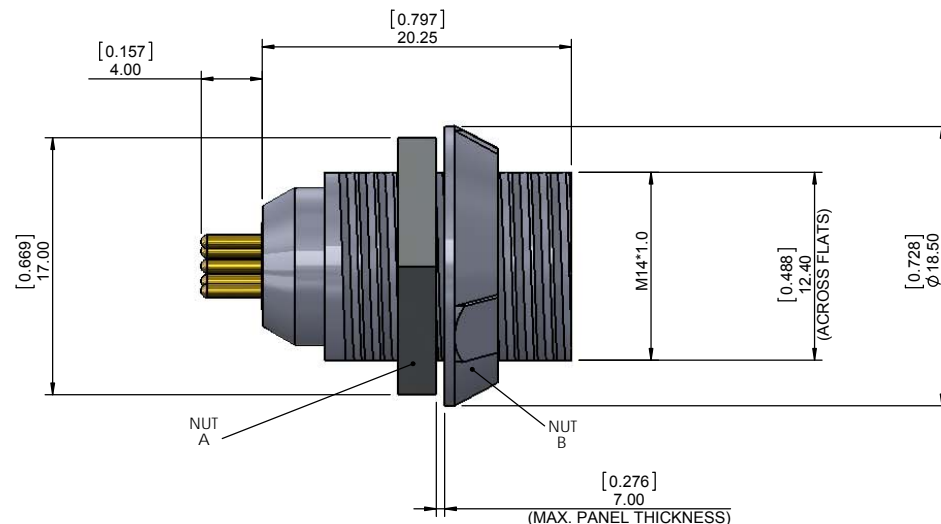
VERTICAL (PANEL MOUNT)

PLASTIC SHELL

1 = GOLD FLASH

RoHS COMPLIANT

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



## CHARACTERISTICS

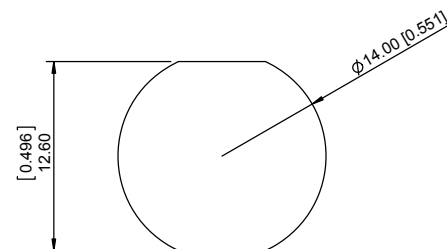
## MATERIALS

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

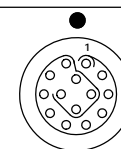
DURABILITY: 2000 CYCLES  
OPERATING TEMP. RANGE: -20° C ~ +120° C  
PROCESS TEMPERATURE : 260°C FOR 5 SECONDS  
MAX. TORQUE VALUE : 0.7 Nm [6.19 IN/lbs]

IP RATING: 50



## PANEL CUTOUT

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

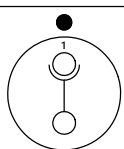


14 POSITION  
3 AMP MAX.  
PIN Ø = 0.50 [0.020]

CONTACT  
RESISTANCE = 10 mΩ  
TEST VOLTAGE = 600V  
WORKING VOLTAGE = 333V

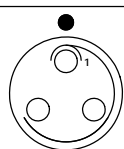
## CHART A

● = KEY LOCATION



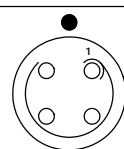
2 POSITION  
10 AMP MAX.  
PIN Ø = 1.30 [0.051]

CONTACT  
RESISTANCE = 5 mΩ  
TEST VOLTAGE = 1250V  
WORKING VOLTAGE = 500V



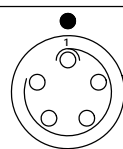
3 POSITION  
10 AMP MAX.  
PIN Ø = 1.30 [0.051]

CONTACT  
RESISTANCE = 5 mΩ  
TEST VOLTAGE = 1250V  
WORKING VOLTAGE = 500V



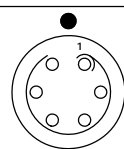
4 POSITION  
8 AMP MAX.  
PIN Ø = 0.90 [0.035]

CONTACT  
RESISTANCE = 6 mΩ  
TEST VOLTAGE = 1250V  
WORKING VOLTAGE = 500V



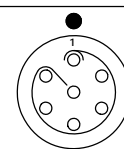
5 POSITION  
8 AMP MAX.  
PIN Ø = 0.90 [0.035]

CONTACT  
RESISTANCE = 6 mΩ  
TEST VOLTAGE = 1100V  
WORKING VOLTAGE = 500V



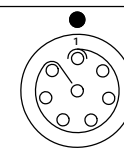
6 POSITION  
6 AMP MAX.  
PIN Ø = 0.70 [0.028]

CONTACT  
RESISTANCE = 7.5 mΩ  
TEST VOLTAGE = 1000V  
WORKING VOLTAGE = 450V



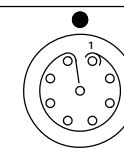
7 POSITION  
6 AMP MAX.  
PIN Ø = 0.70 [0.028]

CONTACT  
RESISTANCE = 7.5 mΩ  
TEST VOLTAGE = 1000V  
WORKING VOLTAGE = 450V



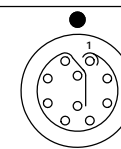
8 POSITION  
5 AMP MAX.  
PIN Ø = 0.70 [0.028]

CONTACT  
RESISTANCE = 7.5 mΩ  
TEST VOLTAGE = 875V  
WORKING VOLTAGE = 400V



9 POSITION  
3 AMP MAX.  
PIN Ø = 0.50 [0.020]

CONTACT  
RESISTANCE = 10 mΩ  
TEST VOLTAGE = 600V  
WORKING VOLTAGE = 333V



10 POSITION  
3 AMP MAX.  
PIN Ø = 0.50 [0.020]

CONTACT  
RESISTANCE = 10 mΩ  
TEST VOLTAGE = 600V  
WORKING VOLTAGE = 333V

RoHS COMPLIANT



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NorComp

DRAWN:  
M. SIGMON

DATE:  
10-04-16

SCALE:  
N.T.S.

SHEET  
1 OF 2

REV:  
1

CHECKED:

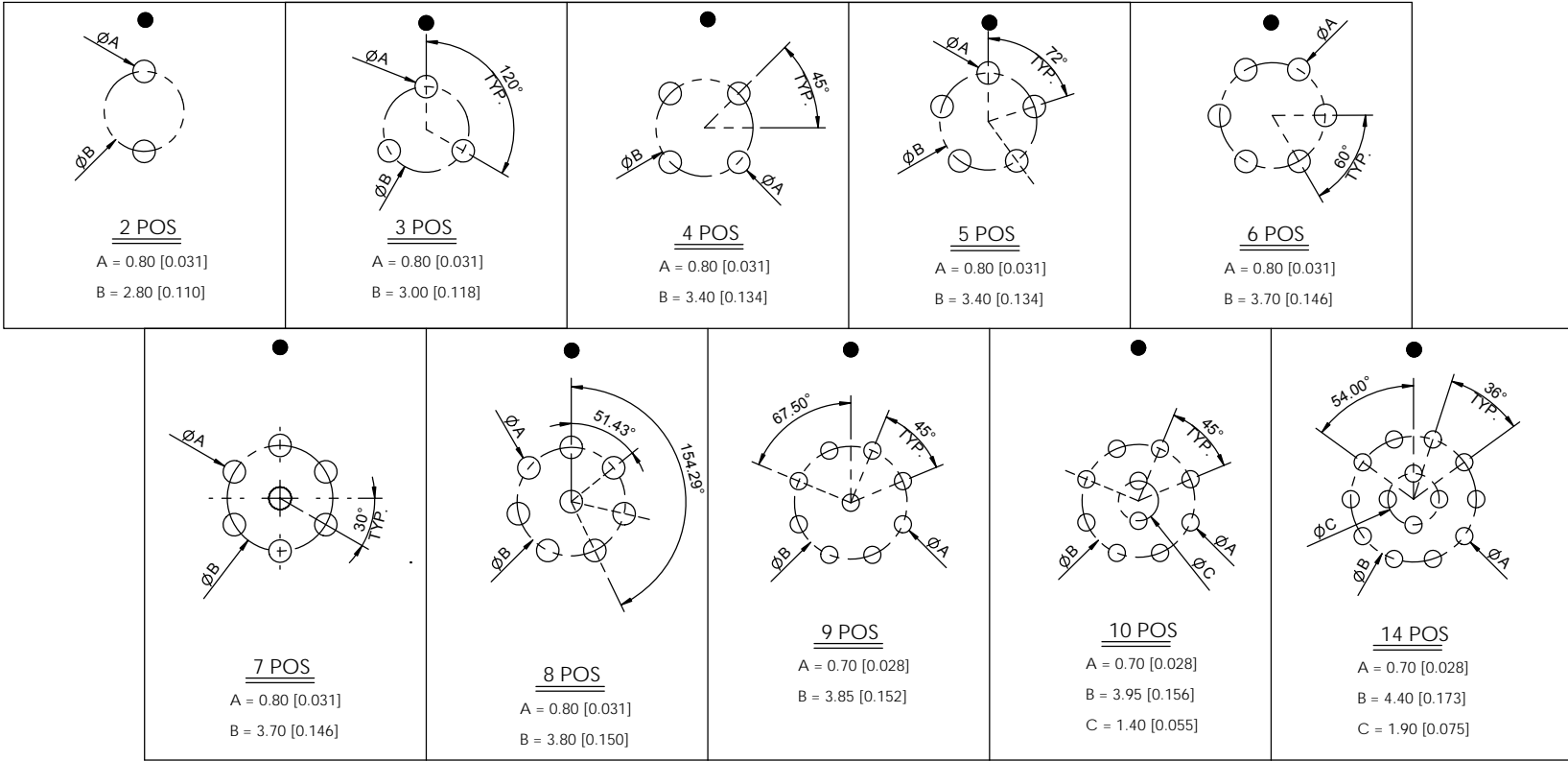
DATE:

DWG NO.

8P1PYYY210YRB01

BOARD LAYOUTS

● = KEY LOCATION



RoHS COMPLIANT



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DRAWN: M. SIGMON	DATE: 10-04-16	SCALE: N.T.S.	SHEET 2 OF 2	REV: 1
CHECKED:	DATE:		DWG NO. 8P1PYYY210YRB01	