



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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# 8P1P YYY 2 1 0 GR F01

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

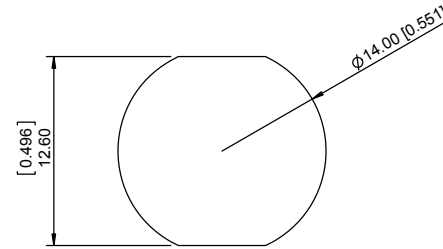
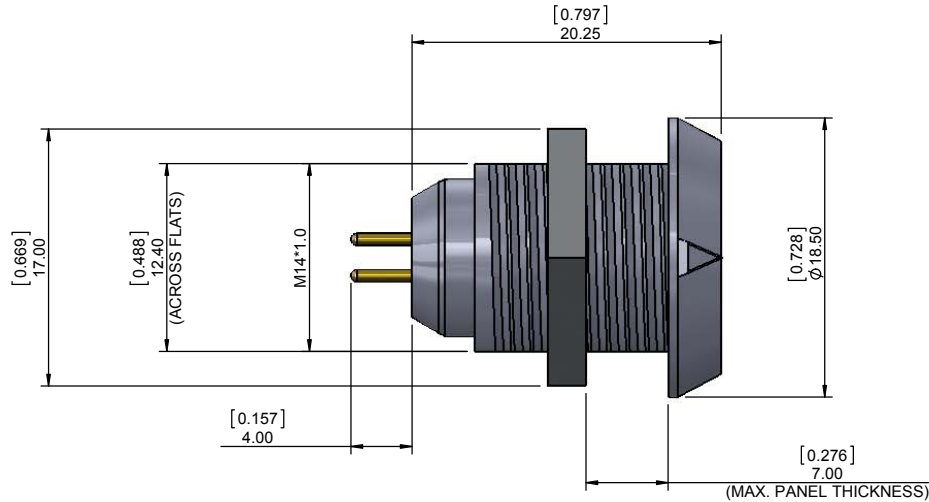
#### MATERIALS

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

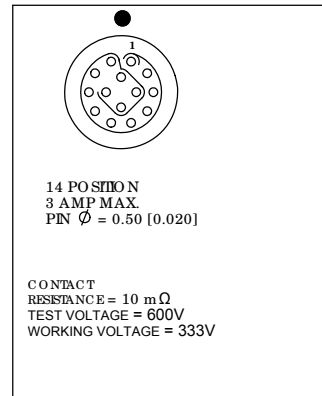
DURABILITY: 2000 CYCLES  
 OPERATING TEMP. RANGE: -20°C ~ +120°C  
 PROCESS TEMPERATURE : 260°C FOR 5 SECONDS  
 MAX. TORQUE VALUE : 0.7 Nm [6.19 IN/lbs]

IP RATING : 50



### PANEL CUTOUT

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



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

### CHART A

● = KEY LOCATION

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

 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
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### RoHS COMPLIANT



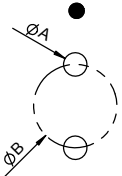
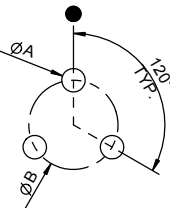
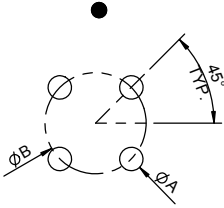
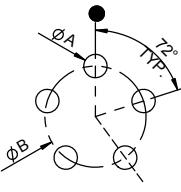
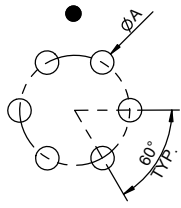
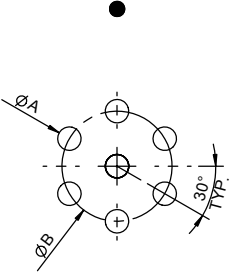
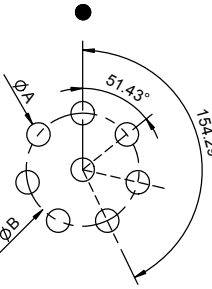
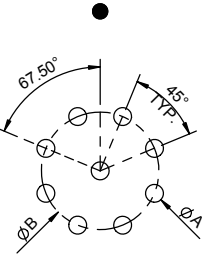
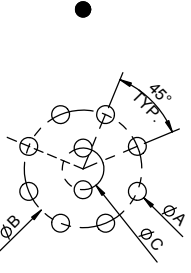
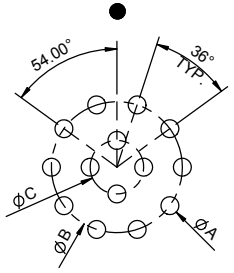
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CHECKED:	DATE:		DWG NO. 8P1PYYY210GRF01	

# BOARD LAYOUTS

● = KEY LOCATION

 <p><b>2 POS</b> A = 0.80 [0.031] B = 2.80 [0.110]</p>	 <p><b>3 POS</b> A = 0.80 [0.031] B = 3.00 [0.118]</p>	 <p><b>4 POS</b> A = 0.80 [0.031] B = 3.40 [0.134]</p>	 <p><b>5 POS</b> A = 0.80 [0.031] B = 3.40 [0.134]</p>	 <p><b>6 POS</b> A = 0.80 [0.031] B = 3.70 [0.146]</p>
 <p><b>7 POS</b> A = 0.80 [0.031] B = 3.70 [0.146]</p>	 <p><b>8 POS</b> A = 0.80 [0.031] B = 3.80 [0.150]</p>	 <p><b>9 POS</b> A = 0.70 [0.028] B = 3.85 [0.152]</p>	 <p><b>10 POS</b> A = 0.70 [0.028] B = 3.95 [0.156] C = 1.40 [0.055]</p>	 <p><b>14 POS</b> A = 0.70 [0.028] B = 4.40 [0.173] C = 1.90 [0.075]</p>

RoHS COMPLIANT



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