



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!

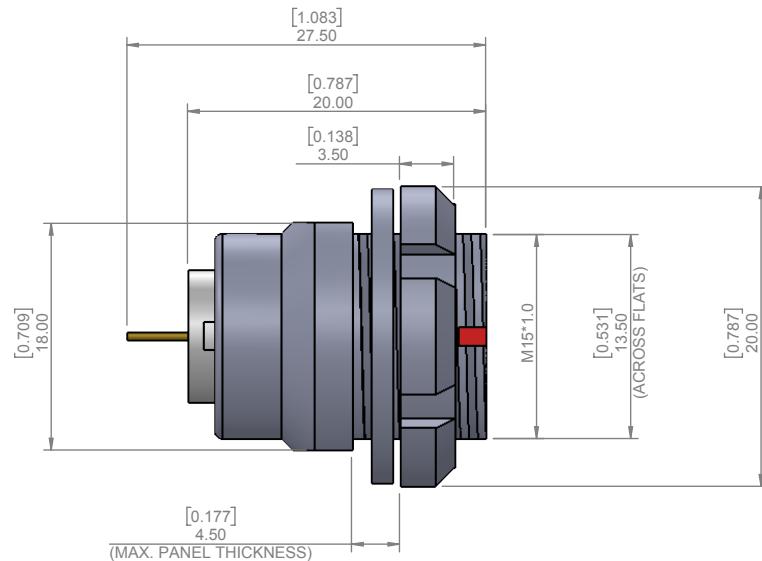


## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## CHART A

● = KEY LOCATION

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

2 POSITION 30 AMP MAX. PIN $\varnothing$ = 2.00 [0.079]  CONTACT RESISTANCE = 3 m $\Omega$ TEST VOLTAGE = 2100V WORKING VOLTAGE = 700V	3 POSITION 17 AMP MAX. PIN $\varnothing$ = 1.60 [0.063]  CONTACT RESISTANCE = 4 m $\Omega$ TEST VOLTAGE = 2400V WORKING VOLTAGE = 800V	4 POSITION 15 AMP MAX. PIN $\varnothing$ = 1.30 [0.051]  CONTACT RESISTANCE = 5 m $\Omega$ TEST VOLTAGE = 1850V WORKING VOLTAGE = 610V	6 POSITION 12 AMP MAX. PIN $\varnothing$ = 1.30 [0.051]  CONTACT RESISTANCE = 5 m $\Omega$ TEST VOLTAGE = 1350V WORKING VOLTAGE = 450V	8 POSITION 10 AMP MAX. PIN $\varnothing$ = 0.90 [0.035]  CONTACT RESISTANCE = 6 m $\Omega$ TEST VOLTAGE = 1500V WORKING VOLTAGE = 500V

10 POSITION 8 AMP MAX. PIN $\varnothing$ = 0.90 [0.035]  CONTACT RESISTANCE = 6 m $\Omega$ TEST VOLTAGE = 1450V WORKING VOLTAGE = 500V	12 POSITION 7 AMP MAX. PIN $\varnothing$ = 0.70 [0.028]  CONTACT RESISTANCE = 7.5 m $\Omega$ TEST VOLTAGE = 1250V WORKING VOLTAGE = 480V	14 POSITION 6.5 AMP MAX. PIN $\varnothing$ = 0.70 [0.028]  CONTACT RESISTANCE = 7.5 m $\Omega$ TEST VOLTAGE = 1150V WORKING VOLTAGE = 380V	16 POSITION 6 AMP MAX. PIN $\varnothing$ = 0.70 [0.028]  CONTACT RESISTANCE = 7.5 m $\Omega$ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V	19 POSITION 5 AMP MAX. PIN $\varnothing$ = 0.70 [0.028]  CONTACT RESISTANCE = 7.5 m $\Omega$ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	26 POSITION 2 AMP MAX. PIN $\varnothing$ = 0.50 [0.020]  CONTACT RESISTANCE = 10 m $\Omega$ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V

## CHARACTERISTICS

## MATERIALS

SHELL : BRASS

SHELL PLATING : NICKEL

NUT : BRASS

NUT PLATING : NICKEL

LATCH SLEEVE : BRASS

LATCH SLEEVE PLATING : NICKEL

CONTACTS : COPPER ALLOY

CONTACT PLATING : 7 $\mu$ " GOLD PLATED OVER 196 $\mu$ " NICKEL MIN.

INSULATOR : PPS (HIGH TEMPERATURE)

## MECHANICAL

DURABILITY: 5000 CYCLES

OPERATING TEMP. RANGE: -40° C ~ +200° C

PROCESS TEMPERATURE: 260°C FOR 5 SECONDS

MAX. TORQUE VALUE: 6.0 Nm [53 IN/lbs]

SHIELDING: 75dB @ 10MHz

40dB @ 1GHz

IP RATING: 50

822B YYY - 2 1 3 R 00 1

SERIES  
15.00 [0.591]# OF POSITIONS  
(Ex. 002)  
\*\*SEE CHART A\*\*

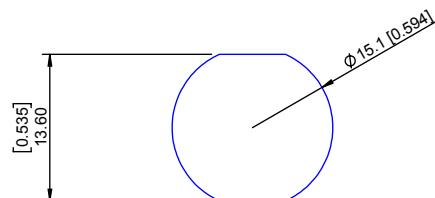
2 = FEMALE

VERTICAL (PANEL MOUNT)

1 = GOLD FLASH

RoHS COMPLIANT

NICKEL/CHROME PLATED SHELL



## PANEL CUTOUT

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

## \*\*NOTE\*\*

SEE PAGE 2 FOR  
BOARD LAYOUTS

## RoHS COMPLIANT



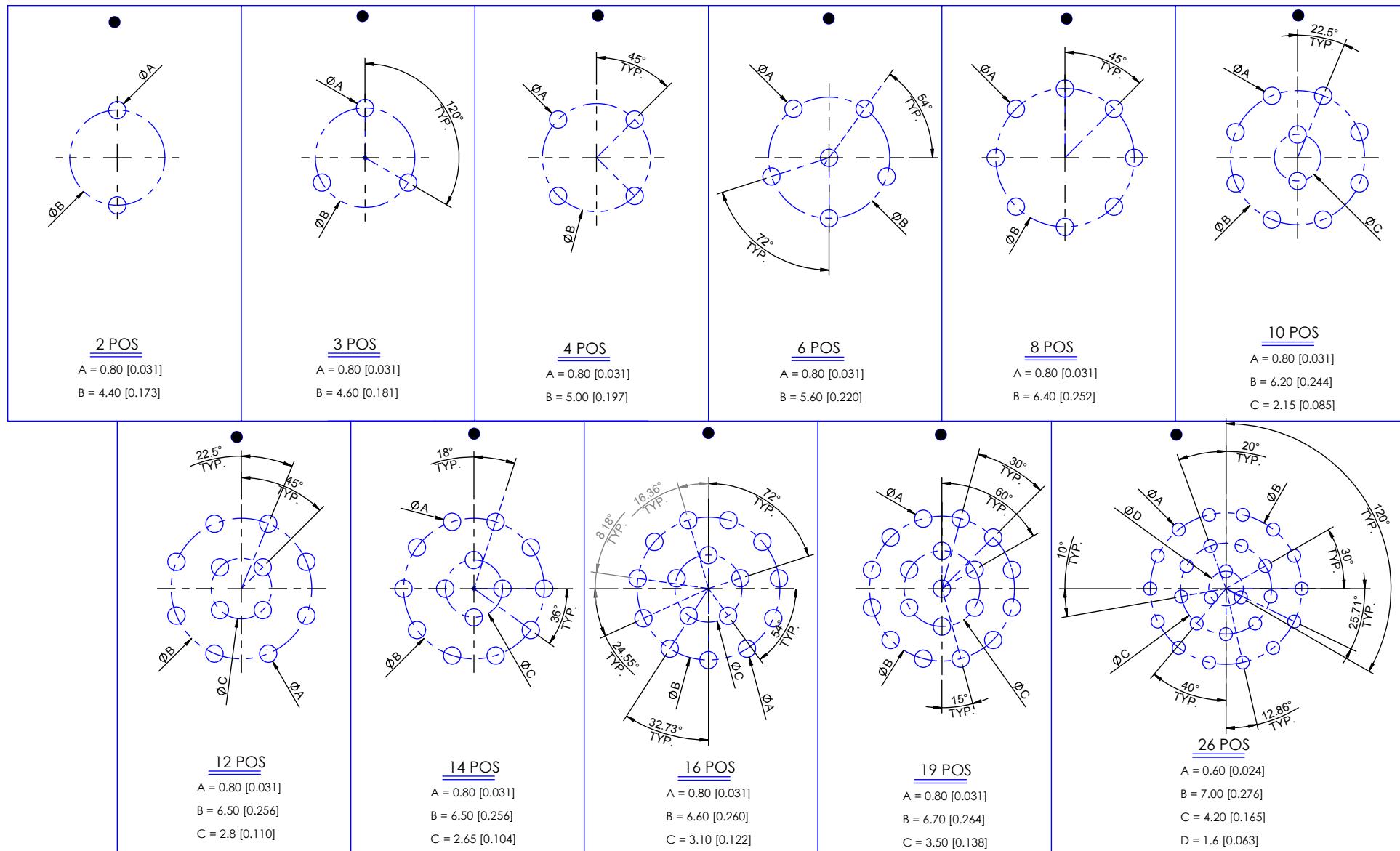
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## BOARD LAYOUTS

● = KEY LOCATION



RoHS COMPLIANT



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