



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!



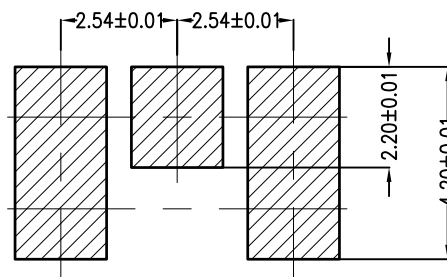
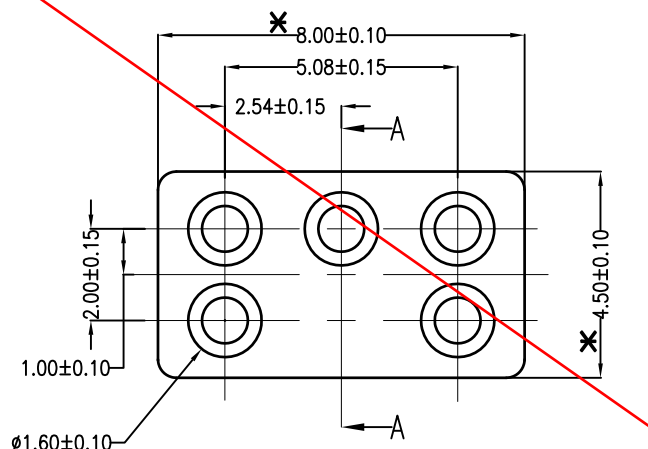
Contact us

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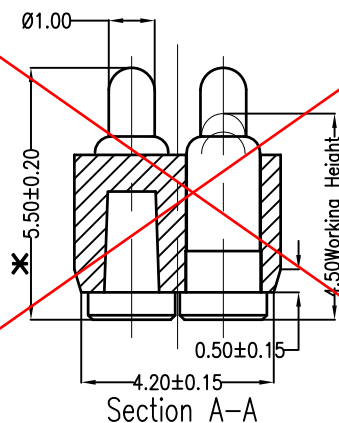
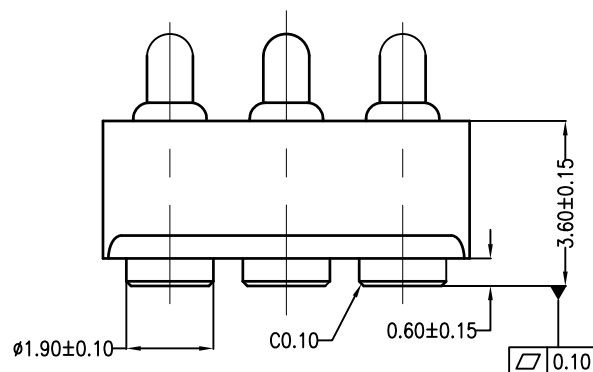
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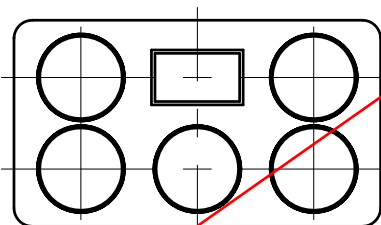




RECOMMENDED PCB LAYOUT



Section A-A



NOTE:

1. Material
Housing: Black HTN +30%GF UL94V-0
Barrel: Brass C3604
Plunger: Brass C3604
Spring: SUS304
2. Plating
Plunger: 10 micro-inch minimum Au over 50~100 micro inch nickel
Barrel: 10 micro-inch minimum Au over 50~100 micro inch nickel
3. Electrical(Each Pin quiescence)
Rated current & voltage: DC 50V; 1A.
Contact resistance: 50 mohm maximum at working height
4. Mechanical
Spring force: 80±20% at working height(quiescence).
Durability: 10,000 cycles(minimum)
5. To ensure the best usage,
please operate it based on the working height.
Maximum allowed compression shall not be exceeded
based on the engineering drawing.
6. RoHS compliant product.
7. Operation temperature at -40°C to +105°C.

OBSOLETE

NOTES: ALL DIMENSIONS AND NOTES
MARKED * ARE CRITICAL AND
MUST BE CHECKED IN ACCORDANCE
WITH QUALITY DOC. QI-02A

Leo	4	23.04.14	A427
Leo	3	13.11.13	A419
Allan	2	28.02.08	A113
Allan	1	01.08.06	-
NAME	ISS.	DATE	C/NOTE
APPROVED: B.Lim			
CHECKED: D.P			
DRAWN: Leo			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
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OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

TOLERANCES
0~6.0 = ±0.05mm
>6~30 = ±0.10mm
>30~120 = ±0.15mm
X. = ±2°
X.X = ±1°
X.XX = ±0.5°
UNLESS STATED

MATERIAL:

SEE NOTES

FINISH:

SEE NOTES

S/AREA:

mm?

TITLE:

PITCH 2.5X2mm HEIGHT 5.5mm
5-POS POGO PIN CONNECTOR

DRAWING NUMBER:

P20-0545R

SHT
1
OF
1