



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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# Customer Information Sheet

DRAWING No.: M50-390XX42

SHEET 2 OF 2

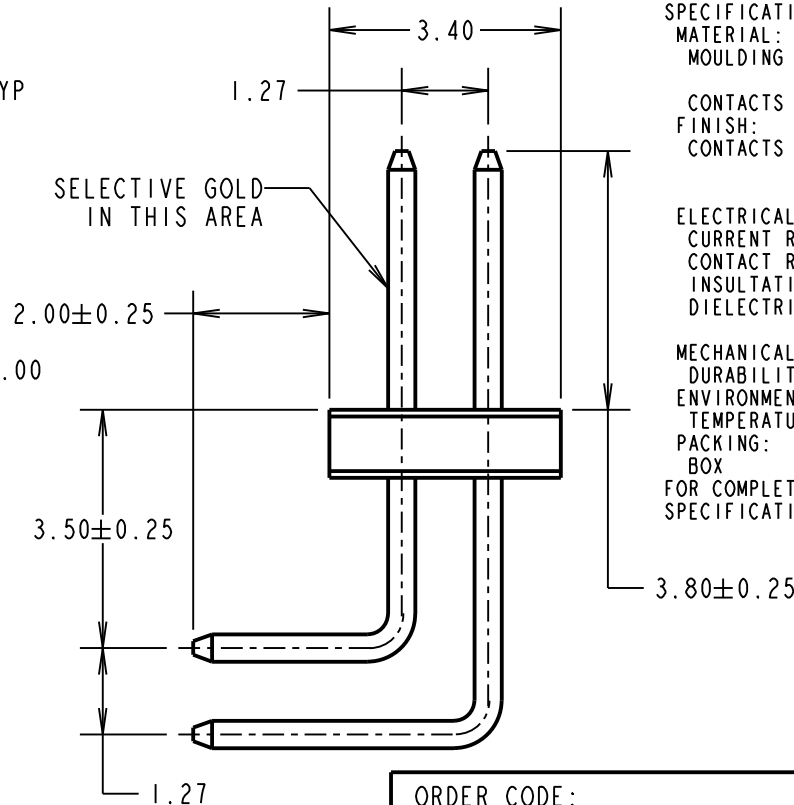
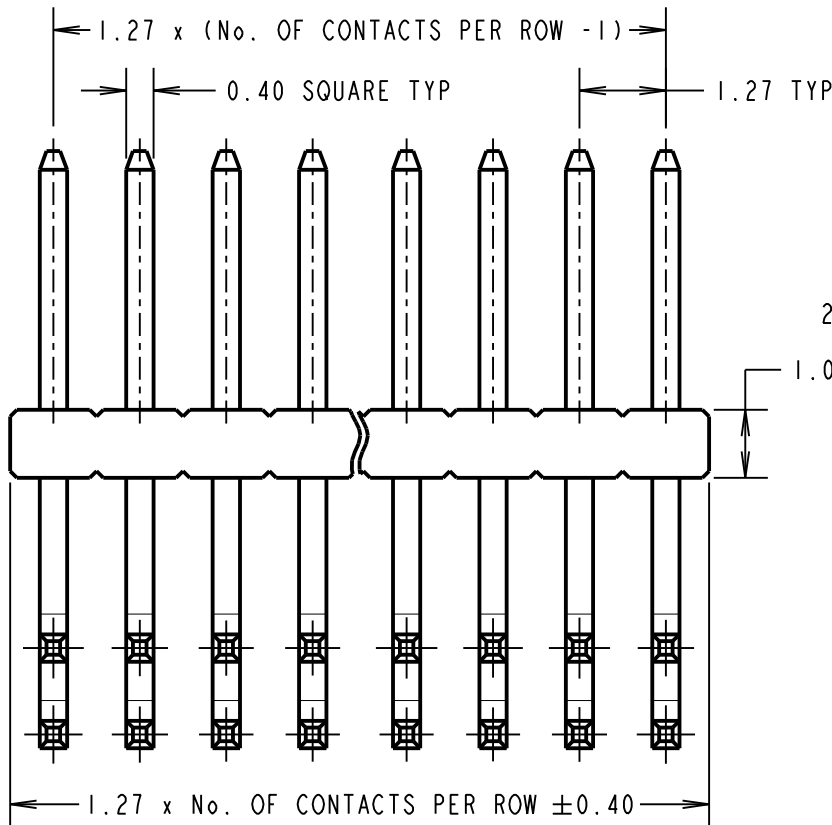
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATIONS:**

**MATERIAL:**

MOULDING = HIGH TEMP THERMOPLASTIC,  
UL94V-0, BLACK  
CONTACTS = COPPER ALLOY

**FINISH:**

CONTACTS = 0.70 TO 1.30µ NICKEL ALL OVER,  
0.08 TO 0.15µ GOLD ON CONTACT AREA,  
2.50 TO 3.00µ 100% TIN ON TAILS

**ELECTRICAL:**

CURRENT RATING = 1A  
CONTACT RESISTANCE = 20mΩ MAX  
INSULATION RESISTANCE = 1000MΩ MIN  
DIELECTRIC WITHSTANDING = 1000V AC FOR  
ONE MINUTE

**MECHANICAL:**

DURABILITY = 300 CYCLES MIN

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -40°C TO +105°C

**PACKING:**

BOX

FOR COMPLETE SPECIFICATION, SEE COMPONENT  
SPECIFICATION C029XX (LATEST ISSUE)

**NOTES:**

- ALL TOLERANCES ARE ±0.15 UNLESS OTHERWISE STATED.
- RECOMMENDED PCB HOLE SIZE =  $\varnothing 0.65 \pm 0.05$ mm.

ORDER CODE:

**M50-390XX42**

No. OF CONTACTS PER ROW: \_\_\_\_\_  
02 TO 50

FINISH: \_\_\_\_\_  
42 = SELECTIVE GOLD +  
100% TIN OVER NICKEL

SB	13	07.05.13	12082
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		J.KIER	
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

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INFORMATION OR DESCRIPTIVE  
MATTER SET OUT HEREON ARE  
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TENDERING OR FOR ANY  
OTHER PURPOSE WITHOUT  
THEIR WRITTEN PERMISSION.

**TOLERANCES**

~~X = ±1mm  
X.X = ±0.25mm  
X.XX = ±0.10mm  
X.XXX = ±0.01mm  
ANGLES = ±5°  
UNLESS STATED~~

**MATERIAL:**

SEE ABOVE

**FINISH:**

SEE ABOVE

**S/AREA:**

mm<sup>2</sup>

**TITLE:**

1.27mm PITCH DIL  
HORIZONTAL PIN HEADER

**DRAWING NUMBER:**

**M50-390XX42**

SHT  
2 OF 2