



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.: H3175-XX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

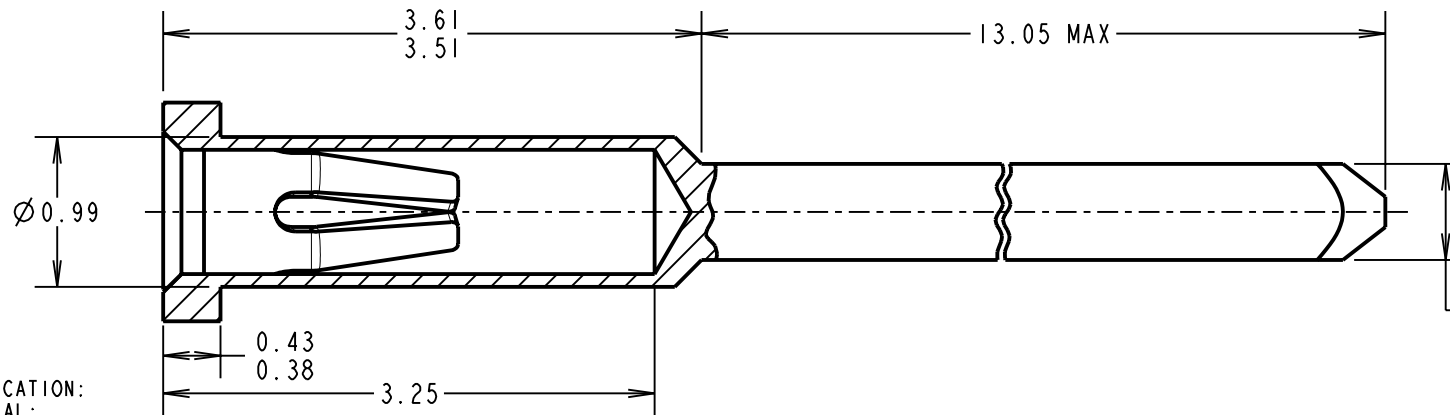
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

NOTES:

1. MAXIMUM CONTACT DEPTH = 2.16mm.
2. RECOMMENDED HOLE SIZE = $\varnothing 1.10/1.00\text{mm}$
3. RECOMMENDED PIN SIZE = $\varnothing 0.53-0.41\text{mm}$.
4. MAXIMUM PIN LENGTH = 3.15mm.

PART SECTION X-X



SPECIFICATION:

MATERIAL:
 CONTACT SHELL = BRASS
 CONTACT CLIP = BERYLLIUM COPPER

FINISH:
 01 = 0.10 μ GOLD CLIP, 4 μ TIN SHELL
 05 = 0.10 μ GOLD CLIP, 0.13 μ GOLD SHELL
 46 = 1.3 μ 100% TIN CLIP, 4 μ TIN SHELL

ELECTRICAL:
 CURRENT RATING AT = 2 AMPS MAX
 CONTACT RESISTANCE (INITIAL) = 10 MILLIOHMS MAX

MECHANICAL:
 INSERTION FORCE ($\varnothing 0.5\text{mm}$ GAUGE) = 6N MAX
 WITHDRAWAL FORCE ($\varnothing 0.5\text{mm}$ GAUGE) = $\varnothing 0.5\text{N}$ MIN

DURABILITY:
 01, 05 = 500 OPERATIONS
 46 = 50 OPERATIONS

ENVIRONMENTAL:
 OPERATING TEMPERATURE = -55°C TO +125°C
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C006XX (LATEST ISSUE).

ORDER CODE:

H3175-XX

FINISH:

- 01 = TIN SHELL, GOLD CLIP
- 05 = GOLD SHELL, GOLD CLIP
- 46 = 100% TIN SHELL & TIN CLIP

CP	7	11.12.09	10573
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: J.CLAY			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES

X. = $\pm 1\text{mm}$
 X.X = $\pm 0.25\text{mm}$
 X.XX = $\pm 0.10\text{mm}$
 X.XXX = $\pm 0.01\text{mm}$

ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

SUB MINIATURE SOCKET ASSY
 WIRE WRAP (3 LEVEL)

DRAWING NUMBER:

H3175-XX

SHT
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