



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!



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Customer Information Sheet

DRAWING No.: M80-881XXXX

SHEET 2 OF 2

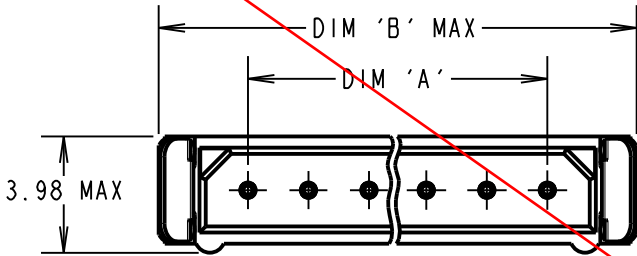
IF IN DOUBT - ASK

©

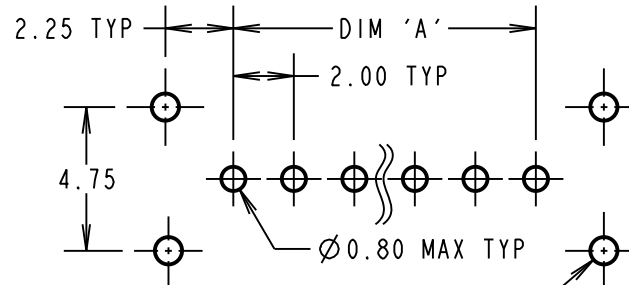
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

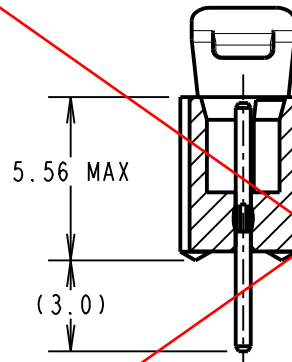
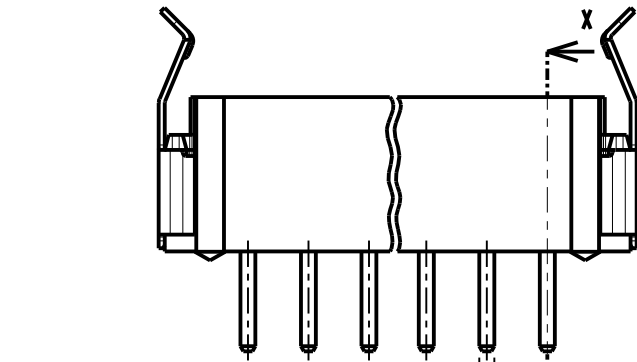


RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

MATERIAL:
 MOULDING = GLASS-FILLED POLYAMIDE 46, UL94V-0, BLACK
 CONTACTS = PHOSPHOR BRONZE
 LATCHES = BERYLLIUM COPPER
FINISH:
 22 = 0.75µ GOLD ON CONTACT AREA, 3µ 90/10 TIN/LEAD ON TAILS
 42 = 0.75µ GOLD ON CONTACT AREA, 3.0µ 100% TIN OVER NICKEL ON TAILS
 45 = 0.75µ GOLD
ELECTRICAL:
 CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 WORKING VOLTAGE = 800V AC/DC
 VOLTAGE PROOF = 1200V AC/DC
 CONTACT RESISTANCE = 25 mΩ MAX
 INSULATION RESISTANCE = 100 MΩ MIN
MECHANICAL:
 DURABILITY = 500 OPERATIONS
 INSERTION FORCE (Ø0.5mm GAUGE) = 2.8N MAX
 WITHDRAWAL FORCE (Ø0.5mm GAUGE) = 0.2N MIN
ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C
PACKING:
 TUBE

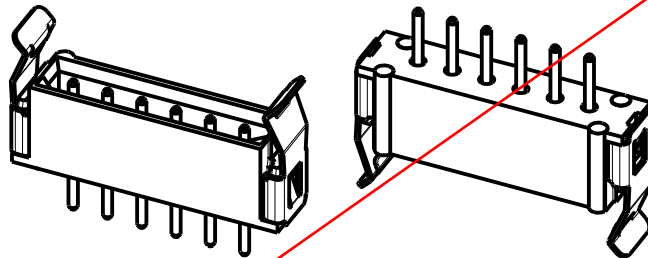


OBSOLETE

NOTES:

- 2-OFF STRAIN RELIEF STRAPS M80-0030006 MAY BE USED WITH EACH CONNECTOR.

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



SECTION X-X

PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'
M80-88102XX	2	2.00	8.10
M80-88103XX	3	4.00	10.10
M80-88104XX	4	6.00	12.10
M80-88105XX	5	8.00	14.10
M80-88106XX	6	10.00	16.10
M80-88107XX	7	12.00	18.10
M80-88117XX	17	32.00	38.10
M80-88122XX	22	42.00	48.10

ORDER CODE:

M80-881XXXX

TOTAL No. OF CONTACTS

02, 03, 04, 05,
06, 07, 17, 22

FINISH

22 - SELECTIVE GOLD + TIN/LEAD
 42 - SELECTIVE GOLD / 100% TIN
 45 - GOLD

SB	6	06.03.12	11672
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: B. M. KENT			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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:

mm²

TITLE:

DATAMATE SIL VERTICAL
 PC-TAIL MALE
 FRICTION LATCH

DRAWING NUMBER:

M80-881XXXX

SHT
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