



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.: M80-707XXX

SHEET 2 OF 2

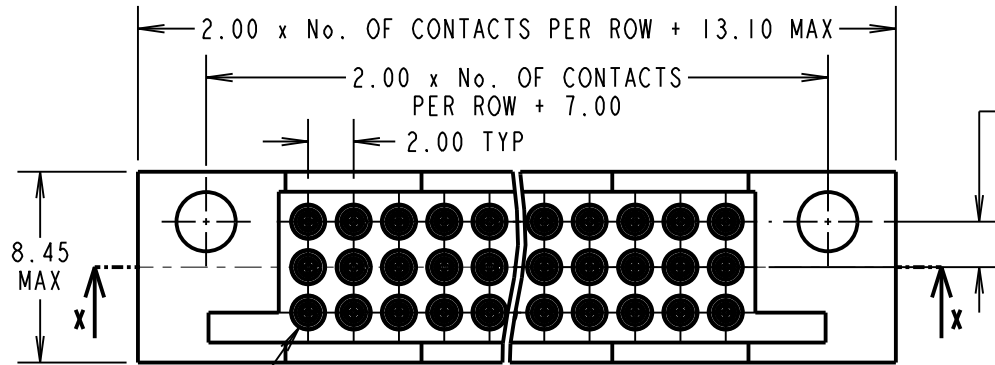
IF IN DOUBT - ASK

©

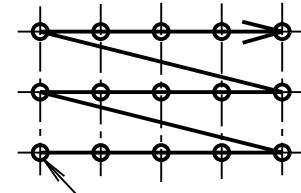
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



2.00 TYP



No. 1 CONTACT

SPECIFICATION:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK
 CONTACT CLIP = BERYLLIUM COPPER
 CONTACT BODY = COPPER ALLOY
 FINISH (ALL OVER NICKEL):
 01 = 4µ TIN/LEAD BODY, 0.30µ GOLD CLIP
 05 = 0.28µ GOLD BODY, 0.30µ GOLD CLIP
 42 = 4µ 100% TIN BODY, 0.30µ GOLD CLIP

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE:

INITIAL = 20mΩ MAX
 AFTER CONDITIONING = 25mΩ MAX

INSULATION RESISTANCE:

INITIAL = 1000MΩ MIN
 AFTER CONDITIONING = 100MΩ MIN

MECHANICAL:

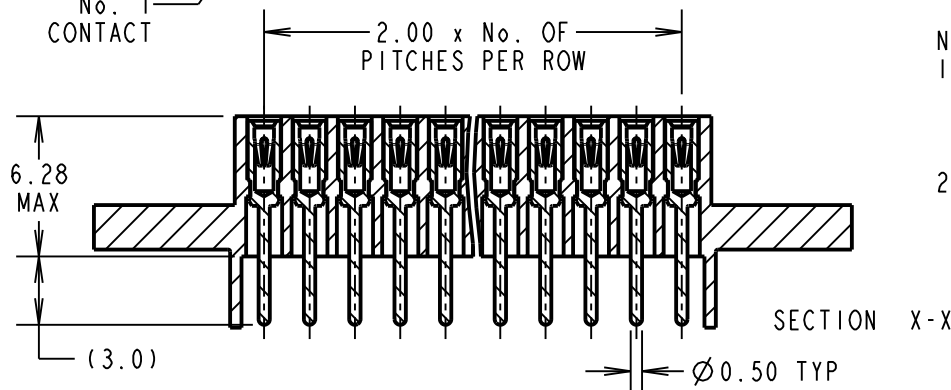
INSERTION FORCE = 2.8N MAX, 1.0N MIN
 WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN
 DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

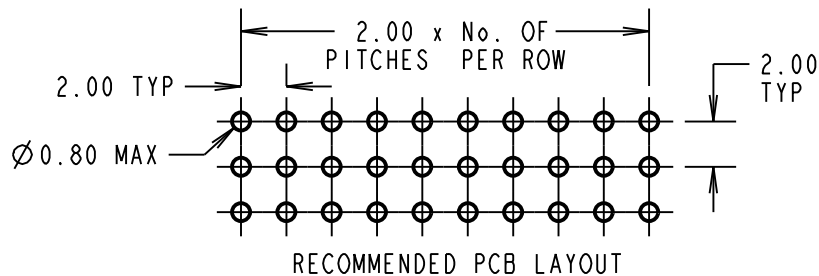
OPERATING TEMPERATURE = -55°C TO +125°C
 PACKING: TRAYS

NOTES:

- FROM No. 1 POSITION, CONTACTS NUMBERED IN SEQUENCE FROM LEFT TO RIGHT AND FROM BOTTOM ROW TO TOP ROW (SEE ABOVE).
- FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION CO17XX (LATEST ISSUE).



SECTION X-X



RECOMMENDED PCB LAYOUT

ORDER CODE: **M80-707XXX**

TOTAL No. OF CONTACTS: _____
 27, 36, 45, 51, 63

FINISH: _____
 01 = TIN/LEAD SHELL, GOLD CLIP
 05 = GOLD SHELL, GOLD CLIP
 42 = 100% TIN SHELL, GOLD CLIP

POTTING WALLS _____
 BLANK = POTTING WALLS REMOVED
 A = POTTING WALLS RETAINED

SM	7	14.07.11	11343
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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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:

3-ROW DATAMATE
 FEMALE VERTICAL PC TAIL
 ASSEMBLY

DRAWING NUMBER:

M80-707XXX

SHT
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