



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.: M80-819XXXX

SHEET 2 OF 2

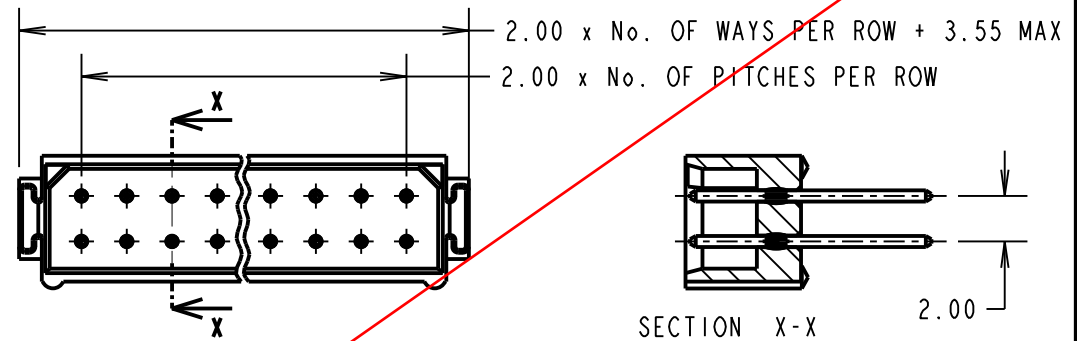
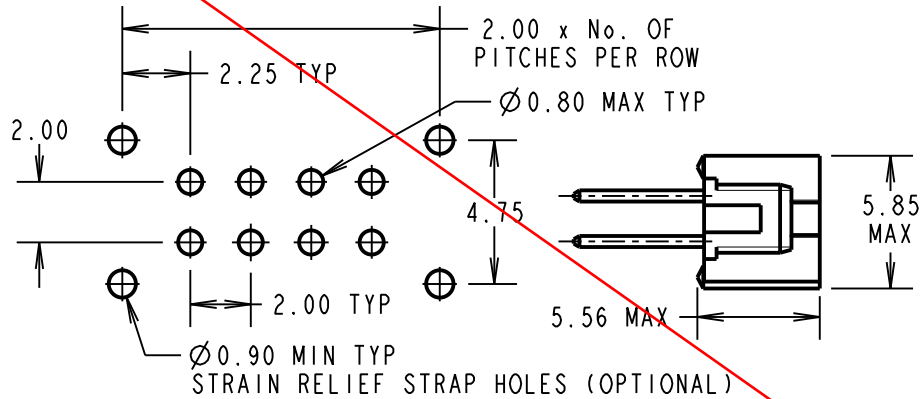
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



RECOMMENDED PCB LAYOUT

NOTES.

- 2-OFF STRAIN RELIEF STRAP M80-0030006 MAY BE USED WITH THIS CONNECTOR

OBSOLETE

SPECIFICATION:

MATERIAL:
 Moulding = GLASS-FILLED POLYESTER UL94V-0
 CONTACT = PHOSPHOR BRONZE
FINISH:
 CONTACTS:
 05 = 0.75µ GOLD
 22 = 0.75µ GOLD ON CONTACT AREA, 3.0µ 90/10 TIN/LEAD ON TAILS

ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C

MECHANICAL:
 DURABILITY = 500 OPERATIONS
PACKING:
 TUBE

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

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 WORKING VOLTAGE = 120V AC/DC
 VOLTAGE PROOF = 360V AC/DC
 CONTACT RESISTANCE (INITIAL) = 20 MILLIOHMS MAX
 CONTACT RESISTANCE (AFTER CONDITIONING) = 25 MILLIOHMS MAX
 INSULATION RESISTANCE (INITIAL) = 1000 MEGOHMS MIN
 INSULATION RESISTANCE (AFTER CONDITIONING) = 100 MEGOHMS MIN

BRITISH STANDARD ORDER CODE: TO B39525 F0033

B5743-2XX-M-T-U

TOTAL No. OF WAYS _____
 04, 06, 08, 10, 12, 14,
 16, 18, 20, 26, 34, 44

FINISH: _____
 0 - SELECTIVE GOLD

ORDER CODE:

M80-819XXXX

TOTAL No. OF WAYS _____
 04, 06, 08, 10, 12, 14,
 16, 18, 20, 26, 34, 44

FINISH _____
 05 - GOLD
 22 - SELECTIVE GOLD

SM	3	07.06.11	10832
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: W. J. BOURNE			
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 2mm PITCH VERTICAL PC TAIL DIL PLUG ASSEMBLY - UNLATCHED

DRAWING NUMBER: M80-819XXXX
SHT 2 OF 2