

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.: M80-501XXXX

SHEET 2 OF 2

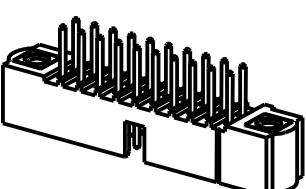
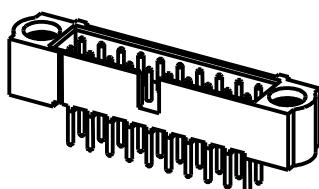
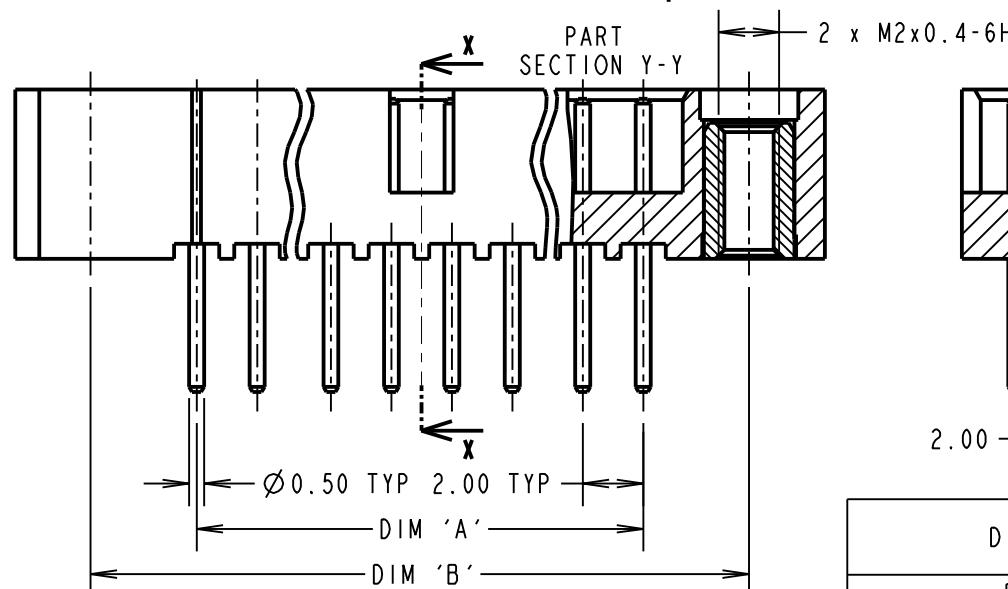
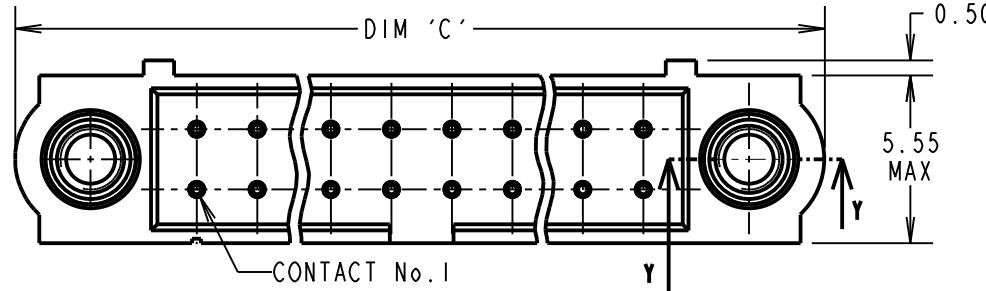
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



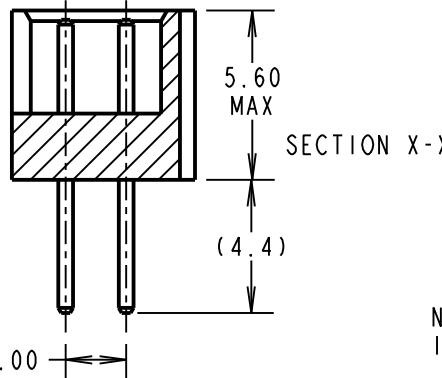
ORDER CODE:

M80-501XXXX

TOTAL No. OF CONTACTS
04 TO 50
(EVEN NUMBERS ONLY)

FINISH

22 - SELECTIVE GOLD + TIN/LEAD
42 - SELECTIVE GOLD + 100% TIN
05 - ALL OVER GOLD



NOTES:

I. RECOMMENDED PCB HOLE
SIZE = Ø 0.70mm ± 0.05.

DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2
DIM 'B'	TOTAL No. OF CONTACTS + 5
DIM 'C'	TOTAL No. OF CONTACTS + 10
EXAMPLE: CONNECTOR WITH 20 CONTACTS, GOLD ON CONTACT AREA AND 100% TIN ON TAIL, M80-5012042.	
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	

HARWIN

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TOLERANCES

X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.10mm
X.XXX = ±0.01mm

ANGLES = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK

CONTACT = PHOSPHOR BRONZE

JACKSCREW = STAINLESS STEEL

FINISH (CONTACTS):

22 = 0.75µ GOLD ON CONTACT AREA,
3µ 90/10 TIN/LEAD ON TAILS

42 = 0.75µ GOLD ON CONTACT AREA,
3µ 100% TIN ON TAILS

05 = 0.75µ ALL OVER 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 = 25mΩ MAX

INSULATION RESISTANCE = 100MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING: TUBE

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

MSP	2	18.08.15	13052
NAME	ISS.	DATE	C/NOTE
APPROVED:	M. PERREN		
CHECKED:	M. PLESTED		
DRAWN:	W. J. BOURNE		
CUSTOMER REF.:			
ASSEMBLY DRG.:			

TITLE: JACKSCREW DATAMATE DIL VERTICAL PC TAIL (4.5mm) MALE ASSEMBLY	DRAWING NUMBER: M80-501XXXX	SHT 2 OF 2
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