

Customer Information Sheet

DRAWING No.: M80-501XXXX

SHEET 2 OF 2

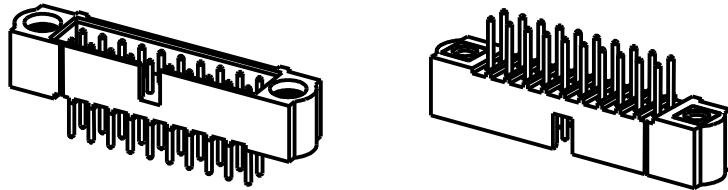
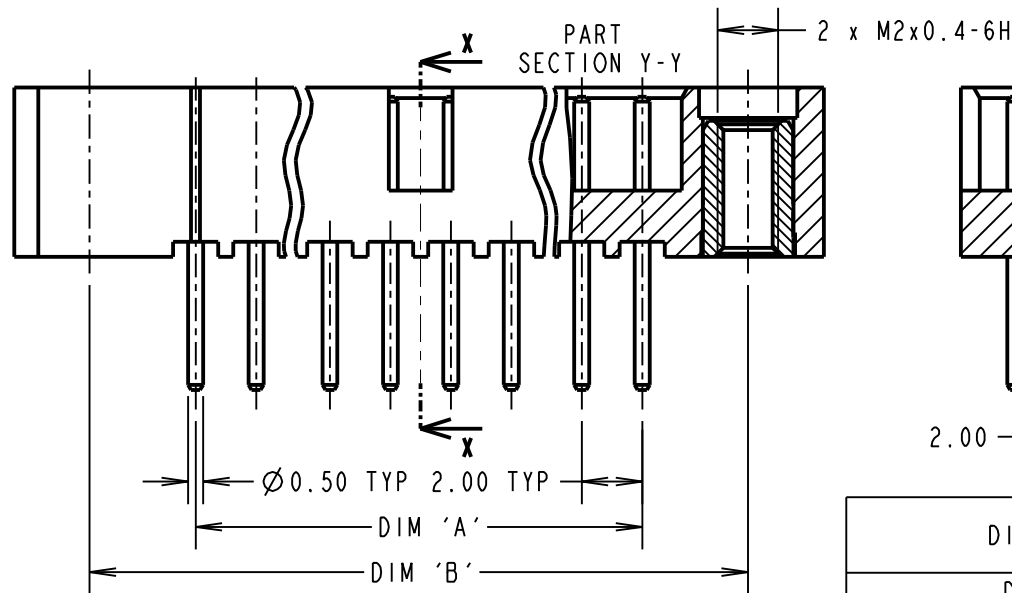
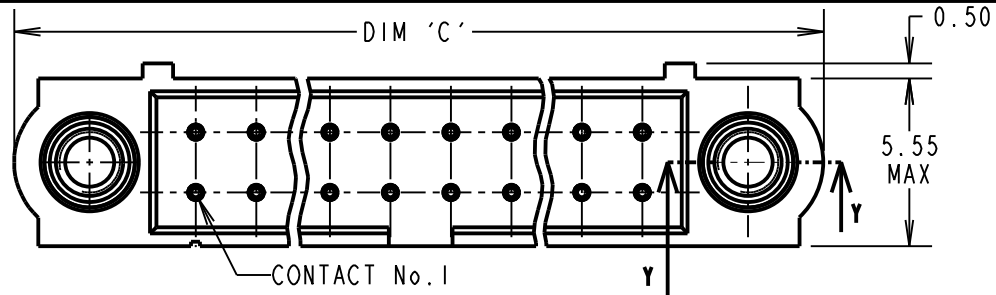
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

M80-501XXXXTOTAL No. OF CONTACTS
04 TO 50
(EVEN NUMBERS ONLY)

FINISH

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

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 TAILS42 = 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)

NOTES:

1. RECOMMENDED PCB HOLE
SIZE = $\varnothing 0.70\text{mm} \pm 0.05$.

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	

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:			

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TOLERANCES

X. = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
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:

mm²TITLE: JACKSCREW DATAMATE
DIL VERTICAL PC TAIL (4.5mm)
MALE ASSEMBLY

DRAWING NUMBER:

M80-501XXXXSHT
2
OF
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