

Customer Information Sheet

DRAWING No.: M80-5T1XXXXM3

SHT 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE
JACKSCREW = STAINLESS STEEL
FINISH (CONTACTS):
05 = 0.75µ GOLD ALL OVER
22 = 0.75µ GOLD ON CONTACT AREA,
3µ TIN/LEAD ON TAILS
42 = 0.75µ GOLD ON CONTACT AREA,
3µ 100% TIN OVER NICKEL ON TAILS

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

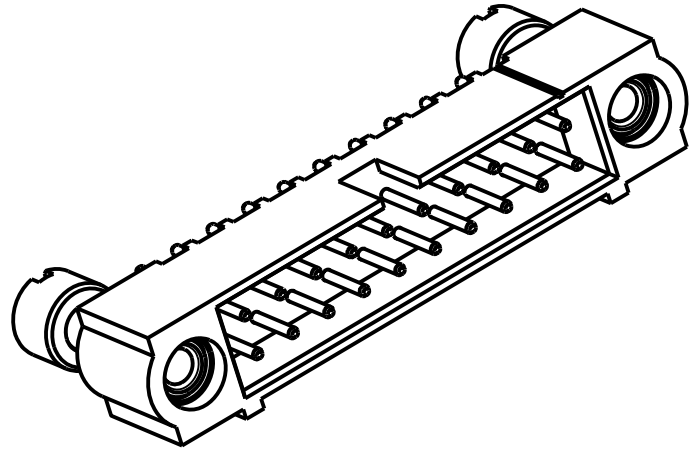
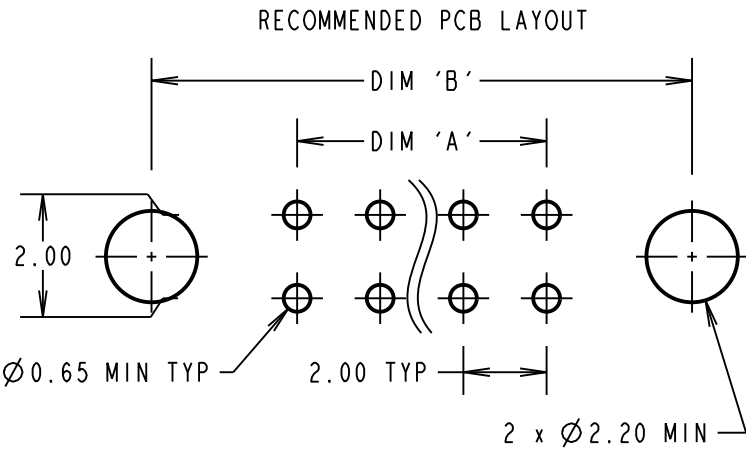
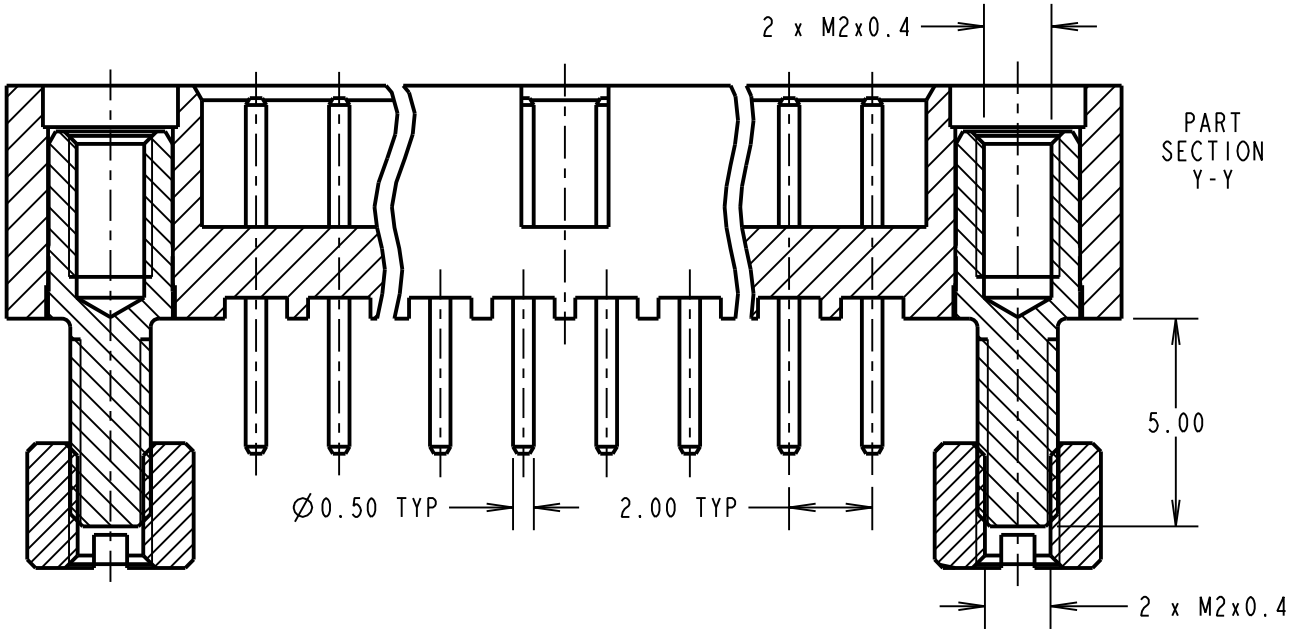
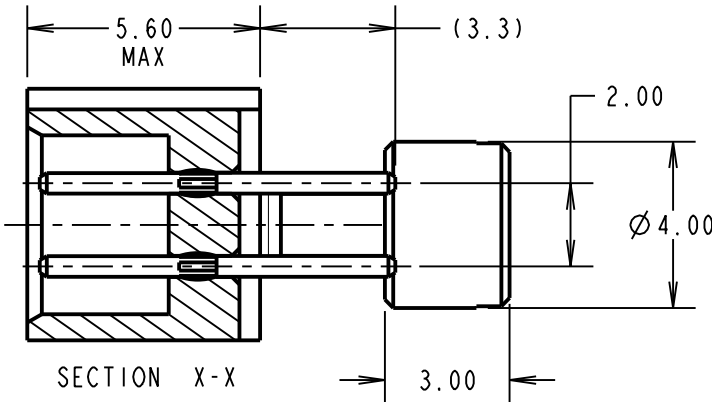
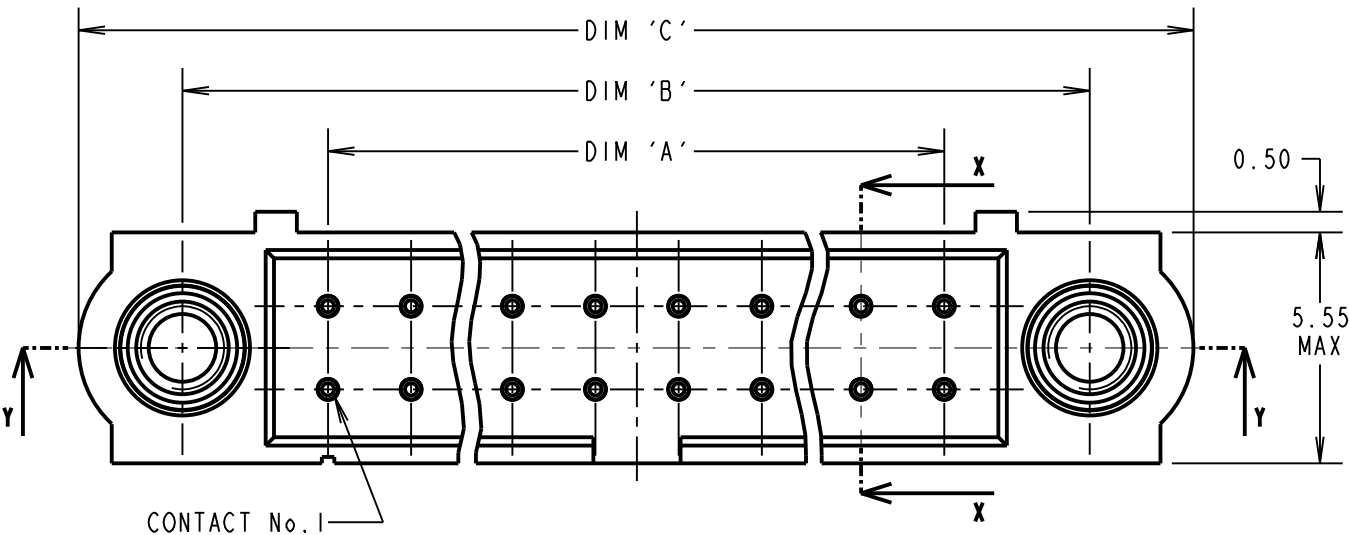
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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



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 OVER NICKEL ON TAIL, M80-5T12042M3	
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	

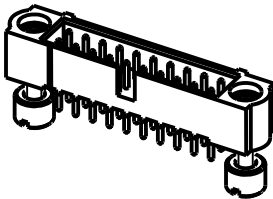
ORDER CODE:

M80-5T1XXXXM3

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

FINISH

05 - ALL OVER GOLD
22 - GOLD ON CONTACT AREA / TIN/LEAD ON TAIL
42 - GOLD ON CONTACT AREA / 100% TIN OVER NICKEL ON TAIL



SF	2	04.07.13	12138
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.FLOWER	
CHECKED:		M.PLESTED	
DRAWN:		MARK PLESTED	
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 J-TEK DIL VERT
3mm PC-TAIL MALE ASSEMBLY
WITH 5mm BOARD MOUNT

DRAWING NUMBER:

M80-5T1XXXXM3

SHT
2
OF
2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

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