

Customer Information Sheet

DRAWING No.: M80-5T1XXXXME

SHT 2 OF 2

IF IN DOUBT - ASK

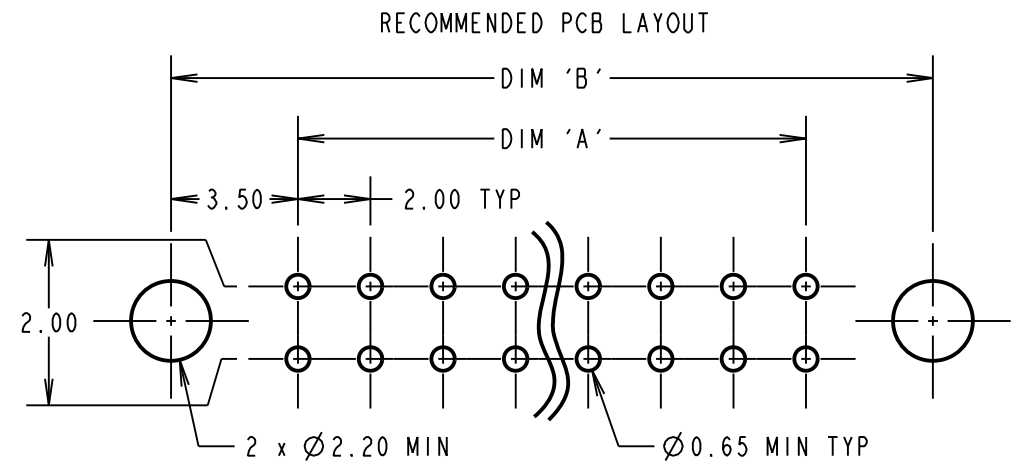
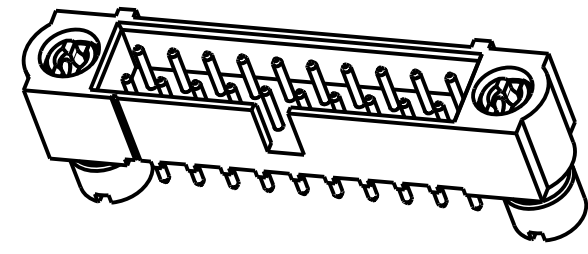
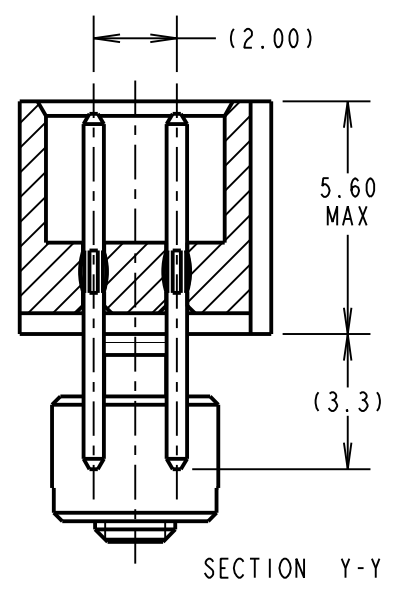
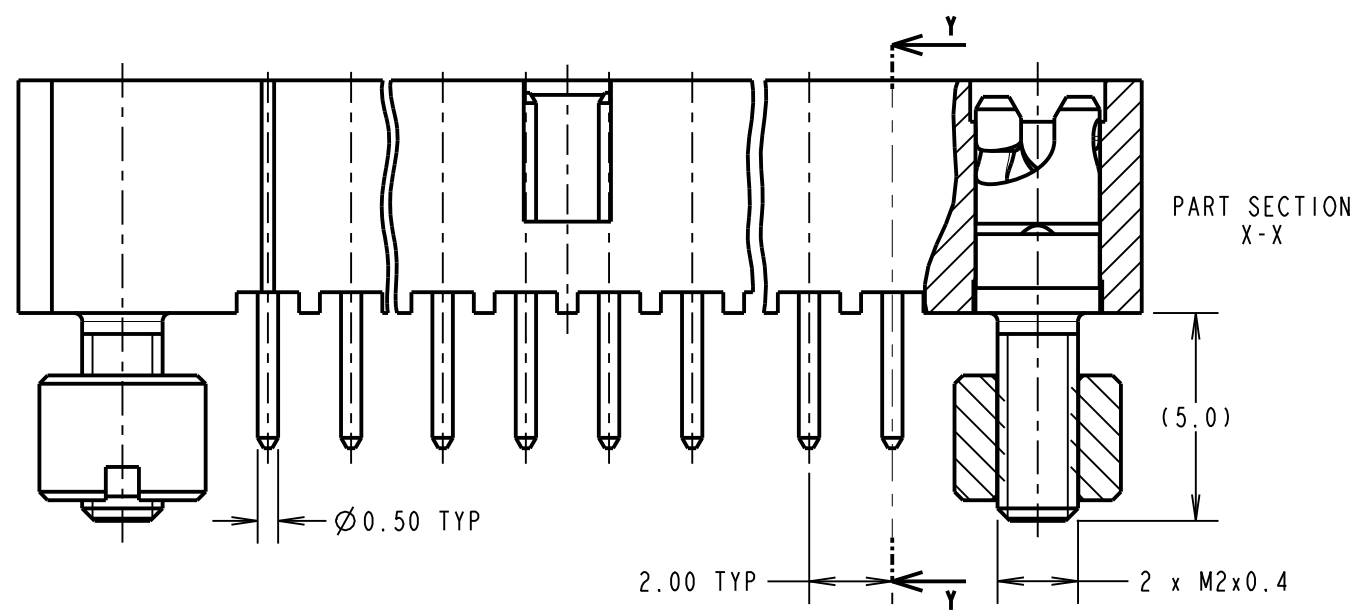
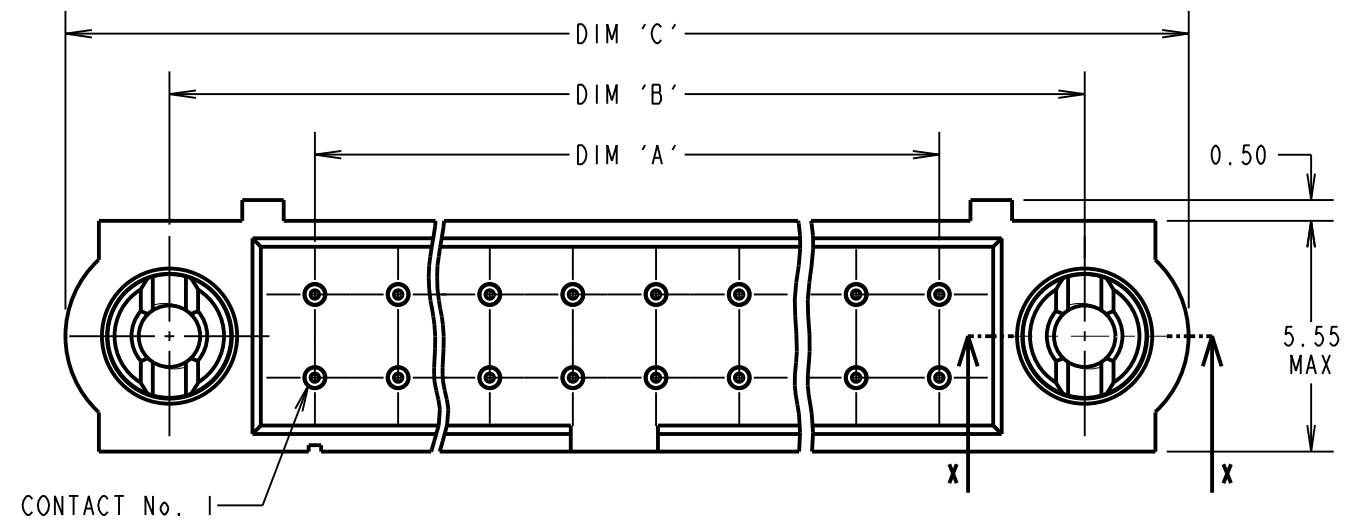
(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:
MATERIAL:
MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE
BOARD MOUNT IOILOK RETAINER & NUT =
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 +121°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 ORDER CODE 1: CONNECTOR WITH 20 CONTACTS,
GOLD ON CONTACT AREA AND 100% TIN OVER NICKEL ON TAIL
M80-5T12042ME
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm

ORDER CODE: **M80-5T1XXXXME**
TOTAL No. OF CONTACTS
04 TO 50
(EVEN NUMBERS ONLY)
FINISH CODE
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	3	04.07.13	12138
NAME	ISS.	DATE	C/NOTE
APPROVED:	S.FLOWER		
CHECKED:	M.PLESTED		
DRAWN:	R.ADDE		
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: DATAMATE J-TEK DIL
VERT 3mm PC-TAIL MALE
ASSY WITH IOILOK RETAINERS
DRAWING NUMBER:
M80-5T1XXXXME
SHT 2 OF 2

Mouser Electronics

Authorized Distributor

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

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[M80-5T10805ME](#) [M80-5T10442ME](#) [M80-5T11042ME](#) [M80-5T13422ME](#) [M80-5T10842ME](#) [M80-5T12042ME](#) [M80-5T10642ME](#) [M80-5T12642ME](#) [M80-5T11842ME](#) [M80-5T10605ME](#) [M80-5T11005ME](#) [M80-5T11242ME](#) [M80-5T11642ME](#) [M80-5T13242ME](#) [M80-5T13405ME](#) [M80-5T14042ME](#) [M80-5T10422ME](#) [M80-5T12622ME](#) [M80-5T10822ME](#) [M80-5T11442ME](#) [M80-5T13042ME](#)