

Customer Information Sheet

DRAWING No.: M80-5T1XXXXMC

IF IN DOUBT - ASK

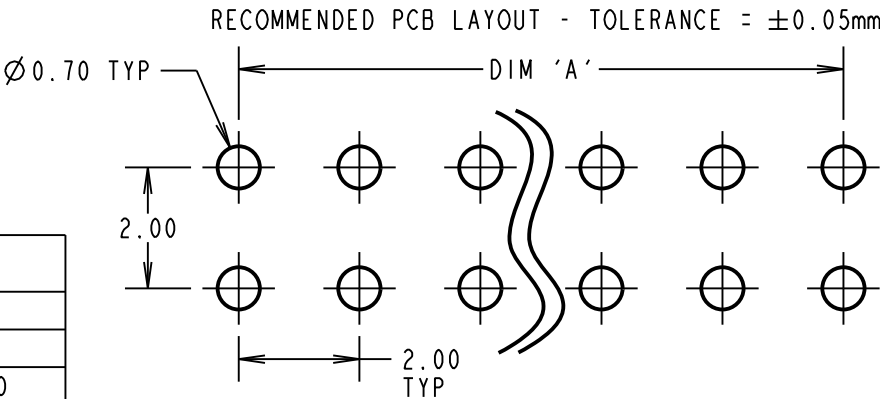
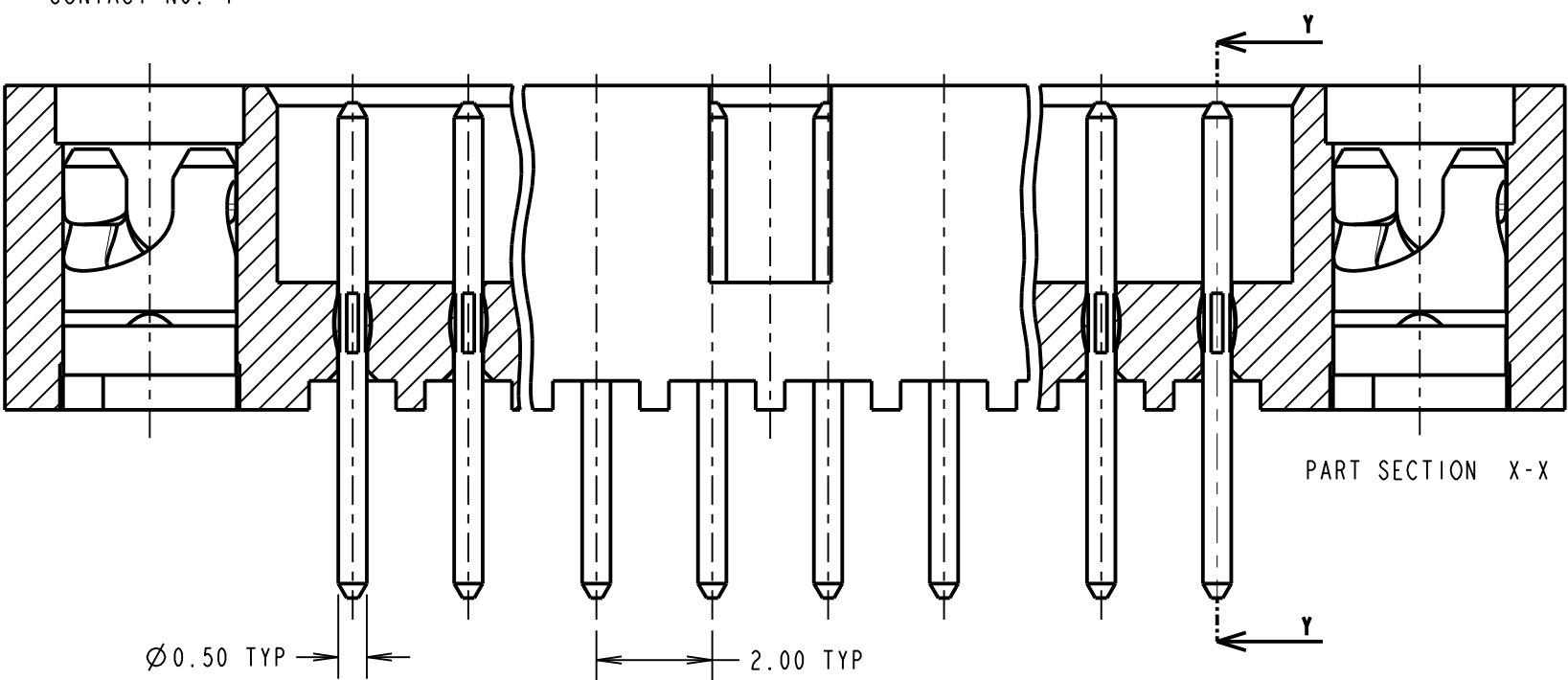
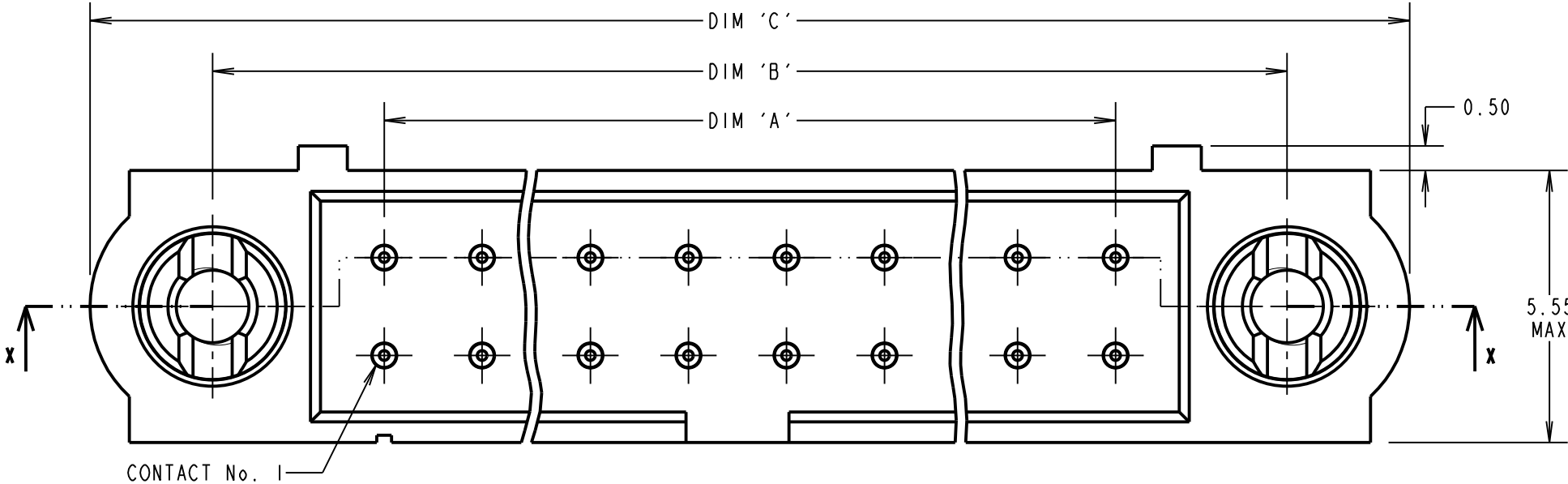
©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:
MATERIAL:
MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE
10ILOK RETAINER = STAINLESS STEEL
FINISH (CONTACTS):
05 = 0.75µm GOLD ALL OVER
22 = 0.75µm GOLD ON CONTACT AREA,
3µm TIN/LEAD ON TAILS
42 = 0.75µm GOLD ON CONTACT AREA,
3µm 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 = 25mΩ MAX
INSULATION RESISTANCE = 100MΩ MIN
MECHANICAL:
DURABILITY = 500.
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C
PACKING:
TUBE
FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)



ORDER CODE: **M80-5T1XXXXMC**

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

DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2.00
DIM 'B'	TOTAL No. OF CONTACTS + 5.00
DIM 'C'	TOTAL No. OF CONTACTS + 10.0

EXAMPLE ORDER CODE: CONNECTOR WITH 20 CONTACTS,
GOLD ON CONTACT AREA AND 100% TIN OVER NICKEL ON TAIL
M80-5T12042MC
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.0mm

HARWIN
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TOLERANCES
X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
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 10ILOK RETAINERS
DRAWING NUMBER:
M80-5T1XXXXMC
SHT
2 OF 2

MGP	3	20.04.20	21950
NAME	ISS.	DATE	C/NOTE
APPROVED:	MGP		
CHECKED:	RP		
DRAWN:	S.FLOWER		
CUSTOMER REF.:			
ASSEMBLY DRG:			

Mouser Electronics

Authorized Distributor

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

Harwin:

M80-5T12042MC	M80-5T10642MC	M80-5T11242MC	M80-5T10842MC	M80-5T11042MC	M80-5T11442MC	M80-
5T13442MC	M80-5T12642MC	M80-5T14022MC	M80-5T12022MC	M80-5T11422MC	M80-5T14222MC	M80-
5T13822MC	M80-5T14042MC	M80-5T11642MC	M80-5T10442MC	M80-5T11822MC	M80-5T12442MC	M80-
5T13622MC	M80-5T13642MC	M80-5T11022MC	M80-5T11842MC	M80-5T10422MC	M80-5T10822MC	M80-
5T13422MC	M80-5T13842MC	M80-5T15042MC	M80-5T11622MC	M80-5T12422MC	M80-5T12622MC	M80-
5T14242MC	M80-5T10622MC	M80-5T15022MC	M80-5T11222MC			