

Customer Information Sheet

DRAWING No.: M80-540XXXX

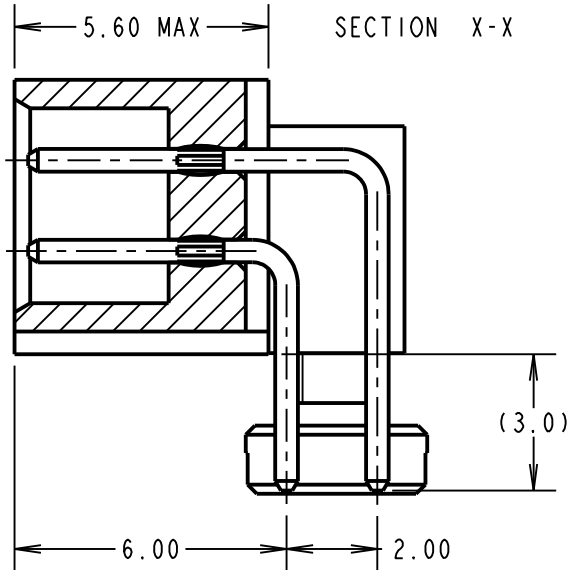
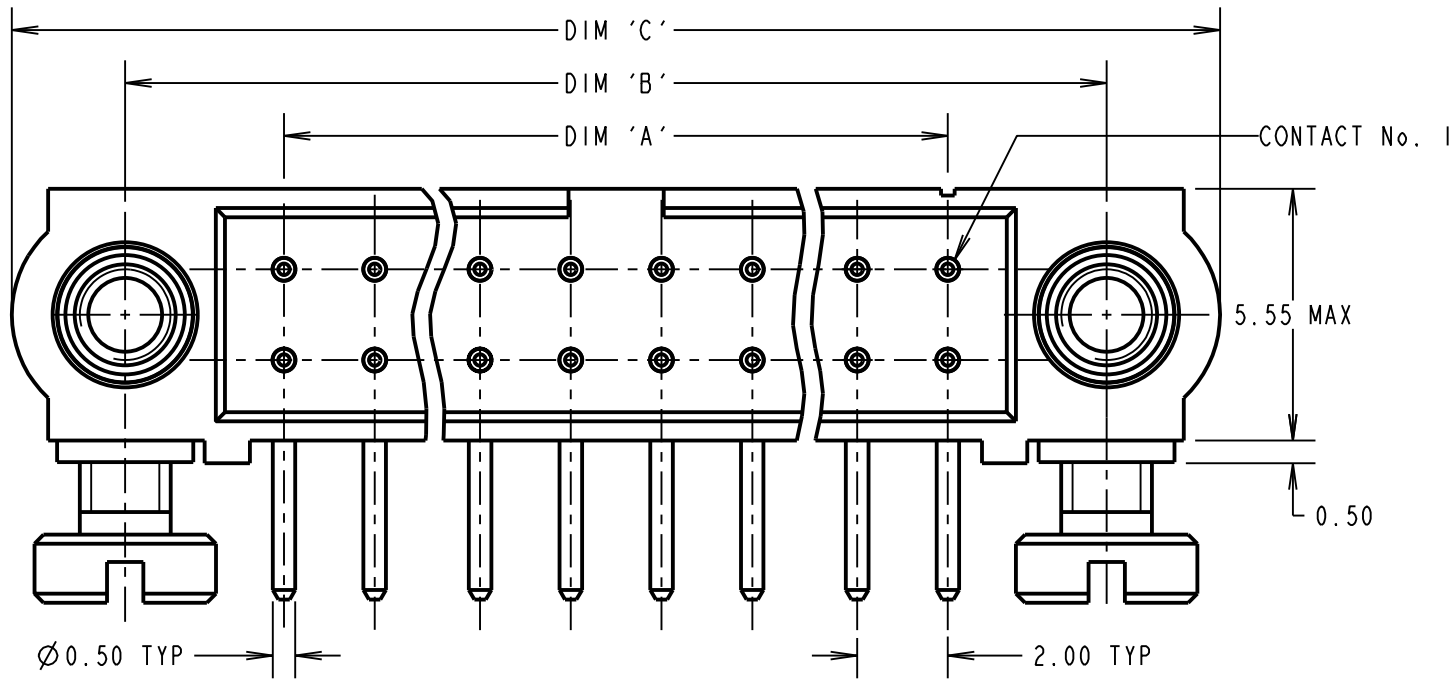
IF IN DOUBT - ASK

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):

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

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

05 = 0.75µm GOLD ALL OVER NICKEL

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:

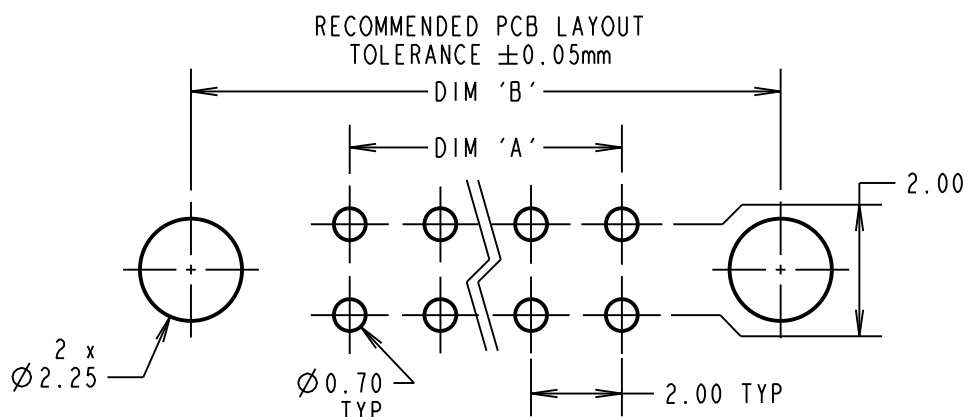
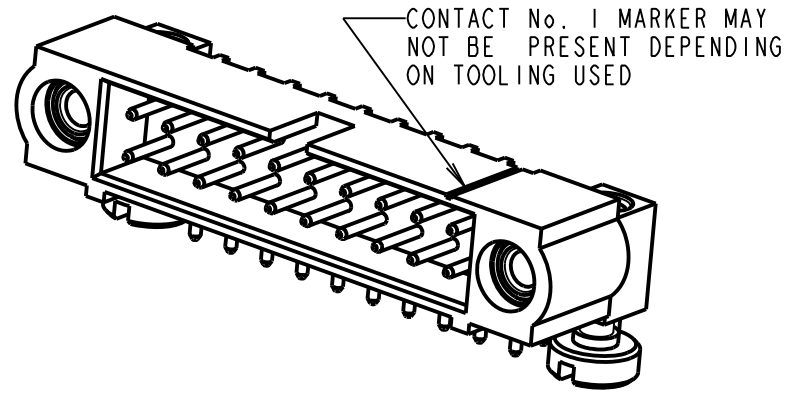
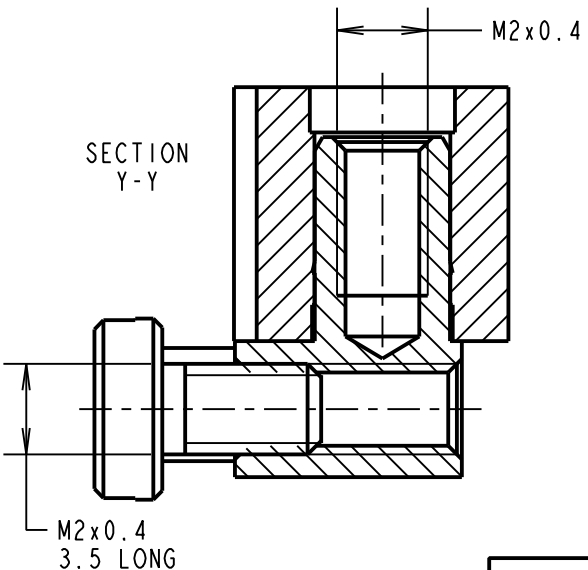
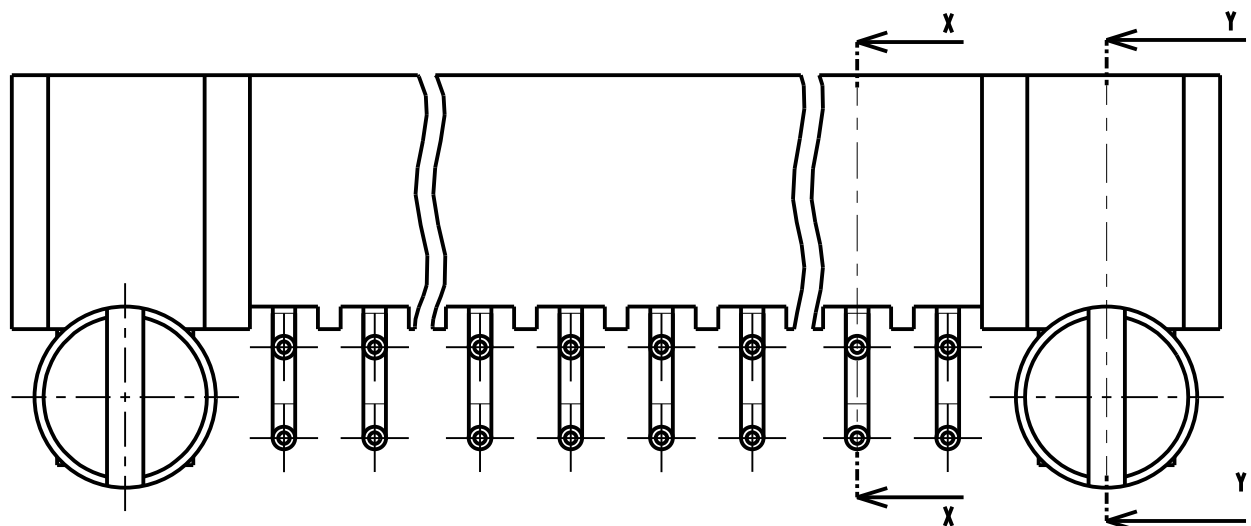
TEMPERATURE RANGE = -55°C TO +125°C

PACKING: TUBE

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

NOTES:

1. BOARD MOUNT SCREWS SUPPLIED LOOSE IN A BAG NOT AS SHOWN.



DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2
DIM 'B'	TOTAL No. OF CONTACTS + 5
DIM 'C'	TOTAL No. OF CONTACTS + 10

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

FINISH
22 - SELECTIVE GOLD + TIN/LEAD
42 - SELECTIVE GOLD + 100% TIN
05 - 0.75µ GOLD ALL OVER

MGP	3	03.06.21	30563
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: MR			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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:	mm ²

TITLE: DATAMATE J-TEK DIL HORIZ 3.0mm PC TAIL MALE ASSY WITH BOARD MOUNT	
DRAWING NUMBER:	SHT 2 OF 2
M80-540XXXX	