

Customer Information Sheet

DRAWING No.: M80-540XXX

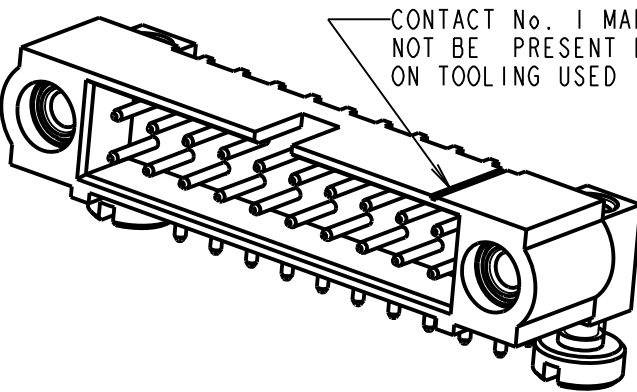
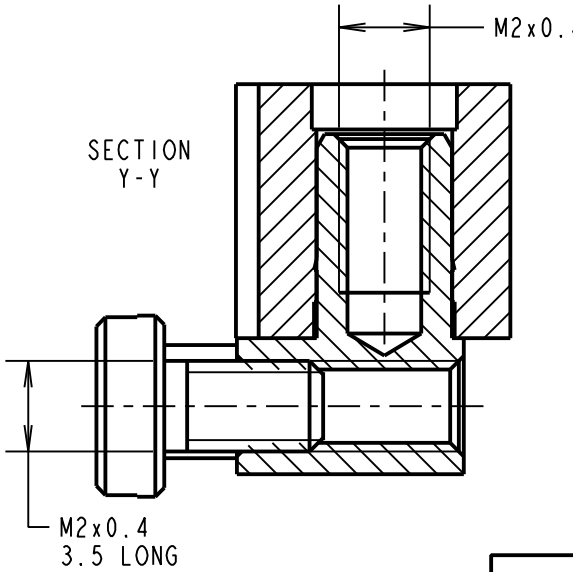
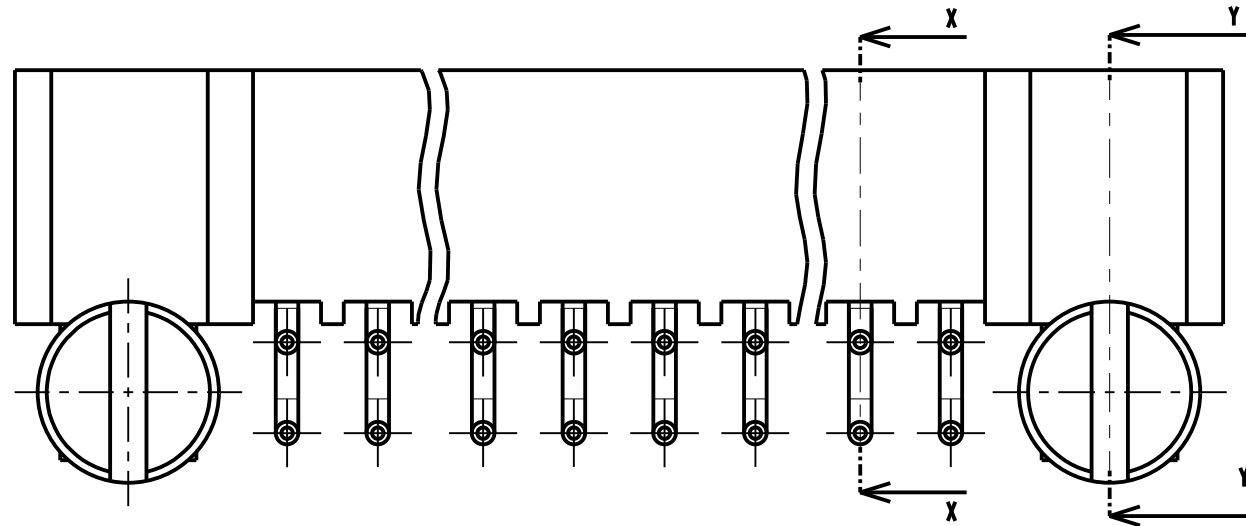
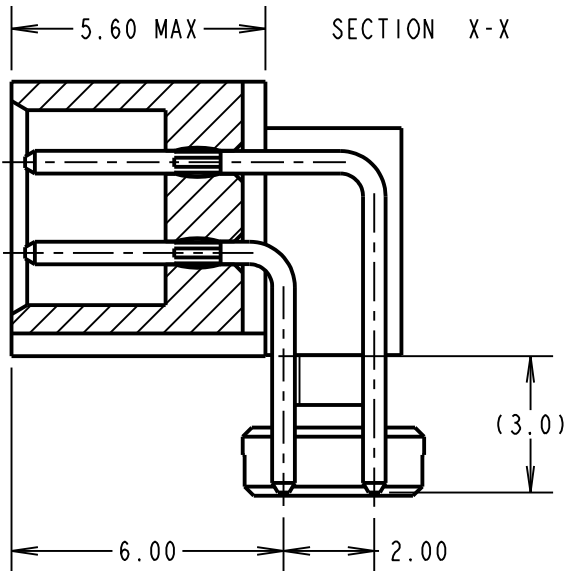
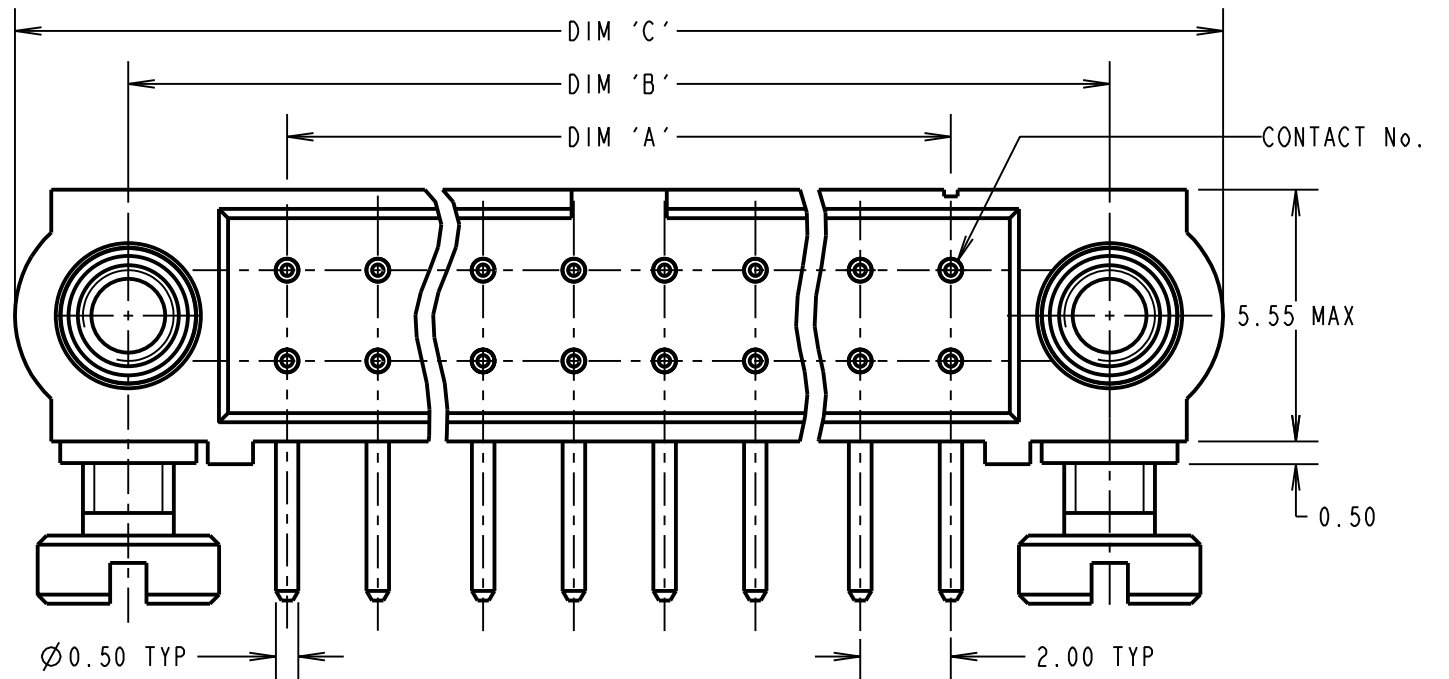
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK

CONTACT = PHOSPHOR BRONZE

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

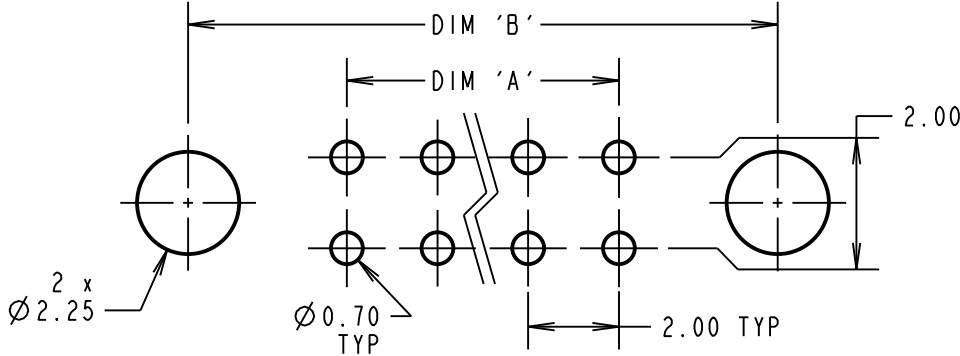
PACKING: TUBE

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

NOTES:

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

RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05mm



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

ORDER CODE:

M80-540XXX

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:

mm²

TITLE: DATAMATE J-TEK DIL
HORIZ 3.0mm PC TAIL MALE ASSY
WITH BOARD MOUNT

DRAWING NUMBER:

M80-540XXX

SHT

2 OF 2

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