

Customer Information Sheet

DRAWING No.: M80-540XXX

SHEET 2 OF 2

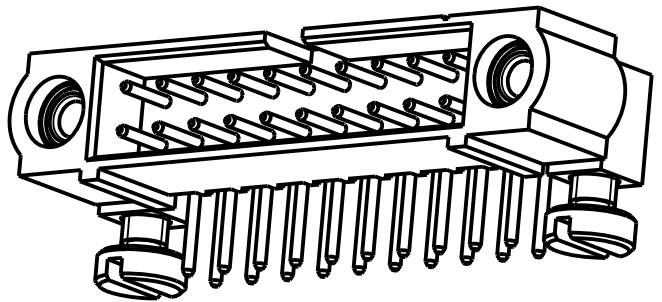
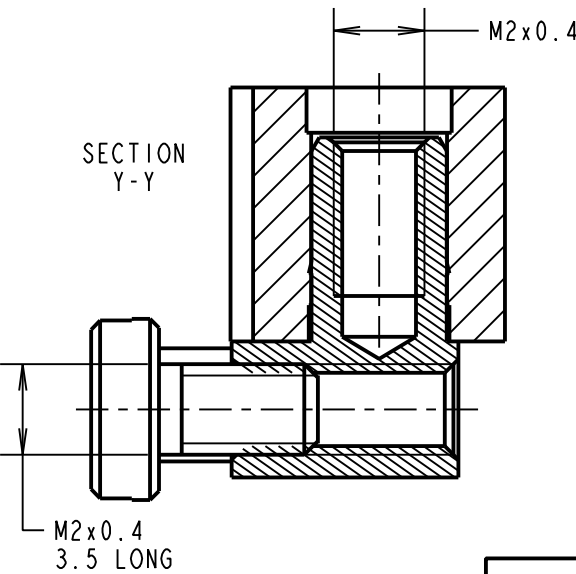
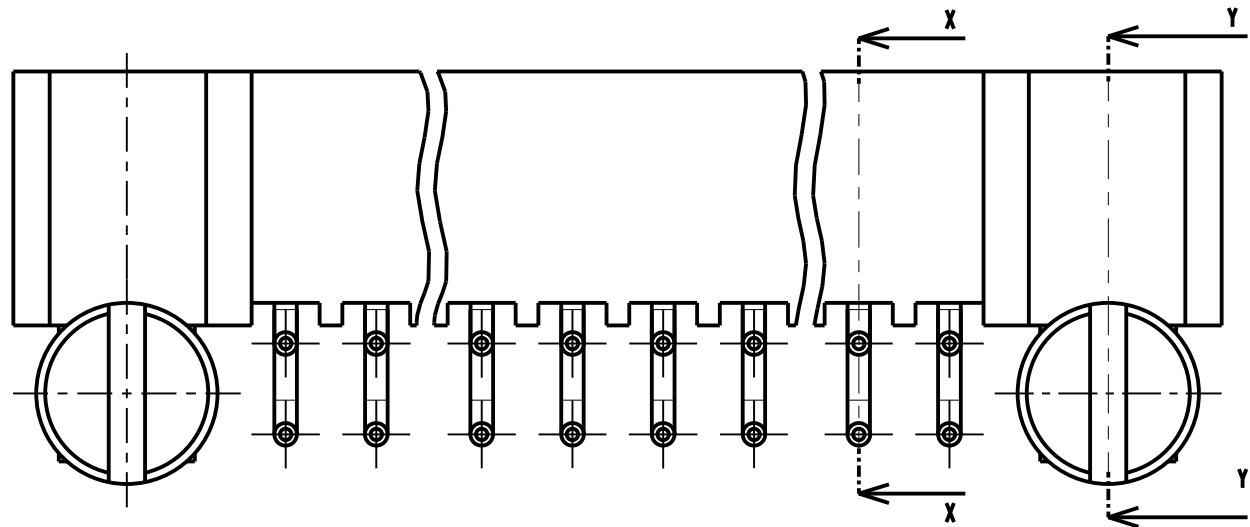
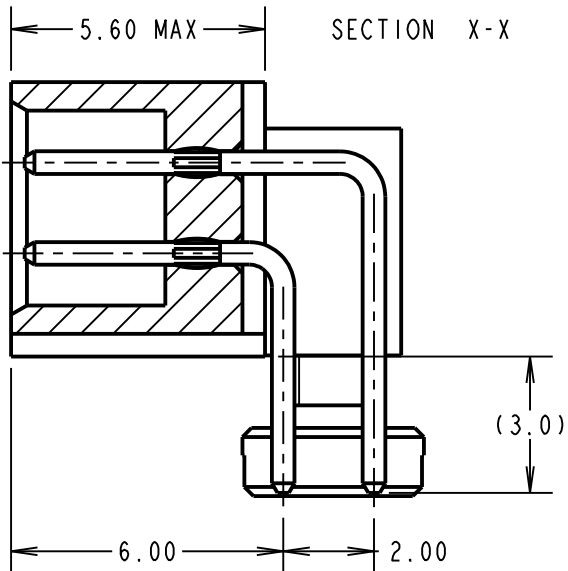
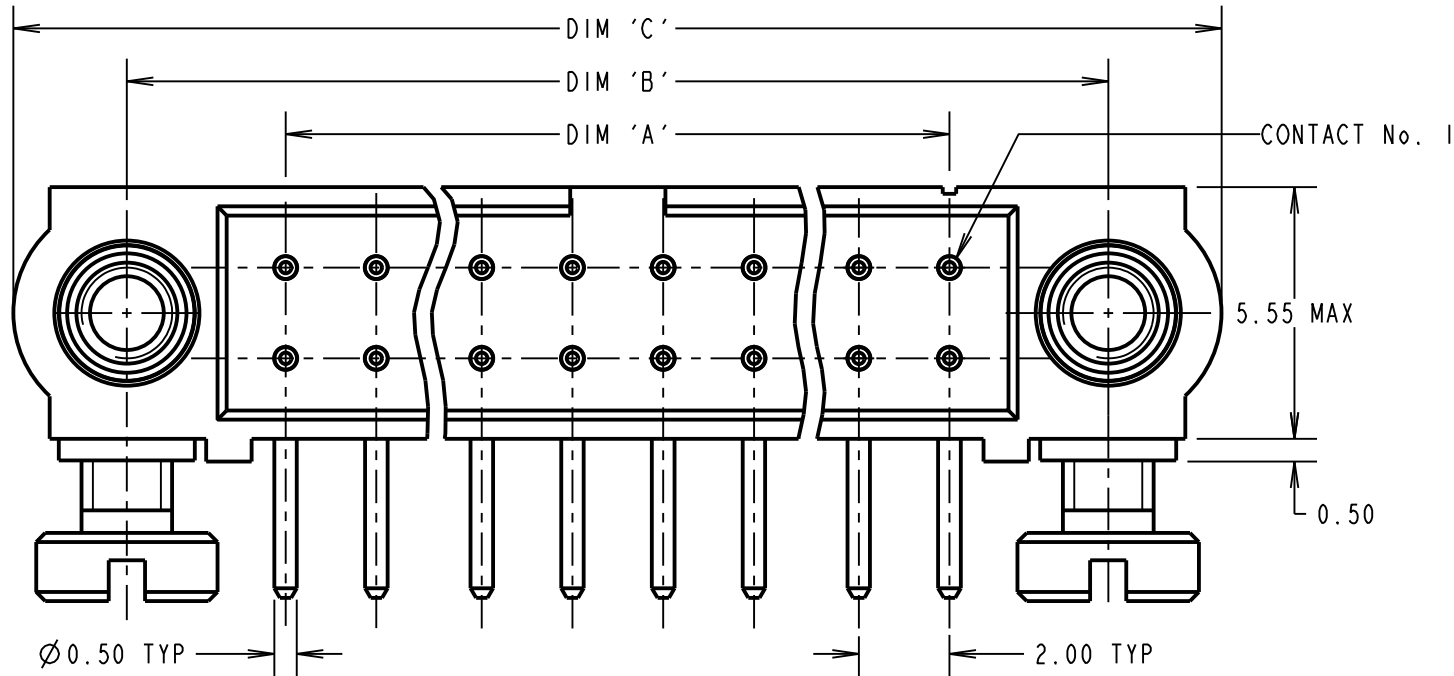
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



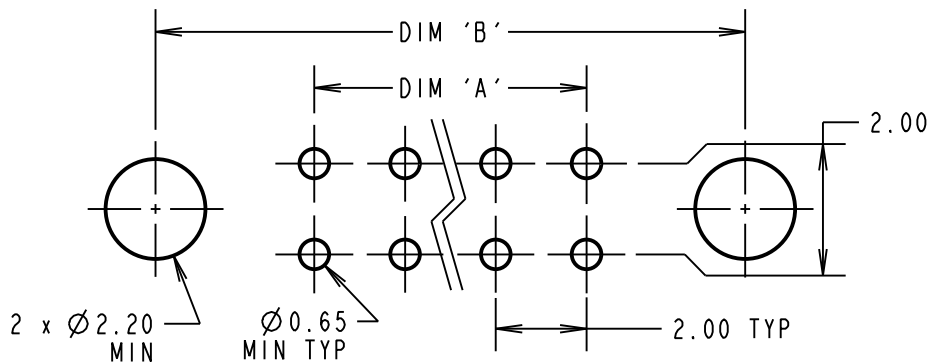
SPECIFICATIONS:

MATERIAL:
MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE
JACKSCREW = STAINLESS STEEL
FINISH (CONTACTS):
22 = 0.75µ GOLD ON CONTACT AREA,
3µ 90/10 TIN/LEAD ON TAILS
42 = 0.75µ GOLD ON CONTACT AREA,
3µ 100% TIN ON TAILS
05 = 0.75µ 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



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

SF	2	17.04.13	12012
NAME	ISS.	DATE	C/NOTE
APPROVED:	S.FLOWER		
CHECKED:	M.PLESTED		
DRAWN:	W. J. BOURNE		
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

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DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
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OTHER PURPOSE WITHOUT
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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
HORIZ 3.0mm PC TAIL MALE ASSY
WITH BOARD MOUNT

DRAWING NUMBER:
M80-540XXX

SHT
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