

Customer Information Sheet

DRAWING No.: M80-543XXXX

SHEET 2 OF 2

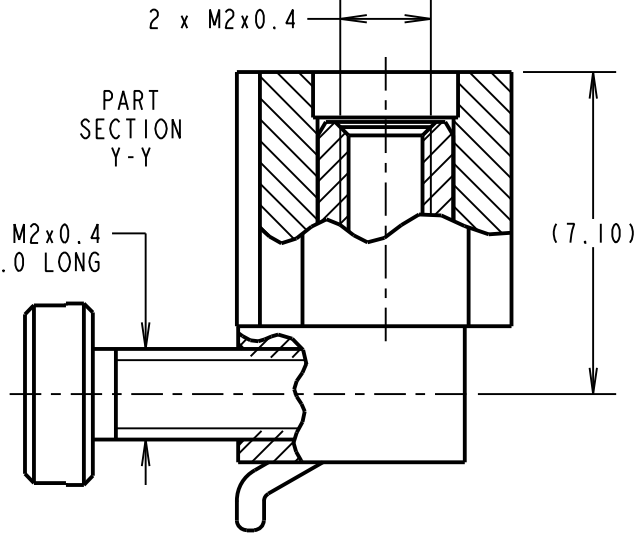
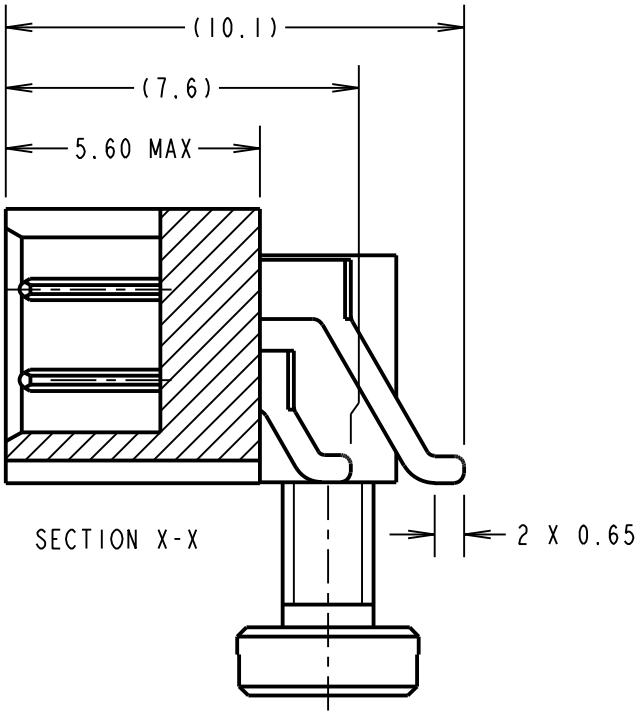
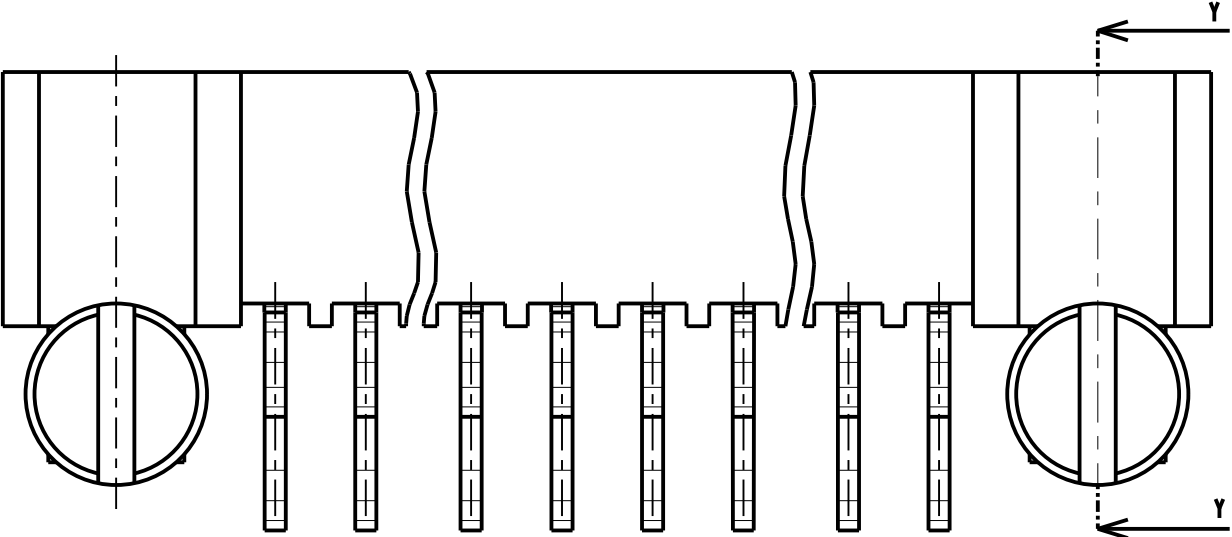
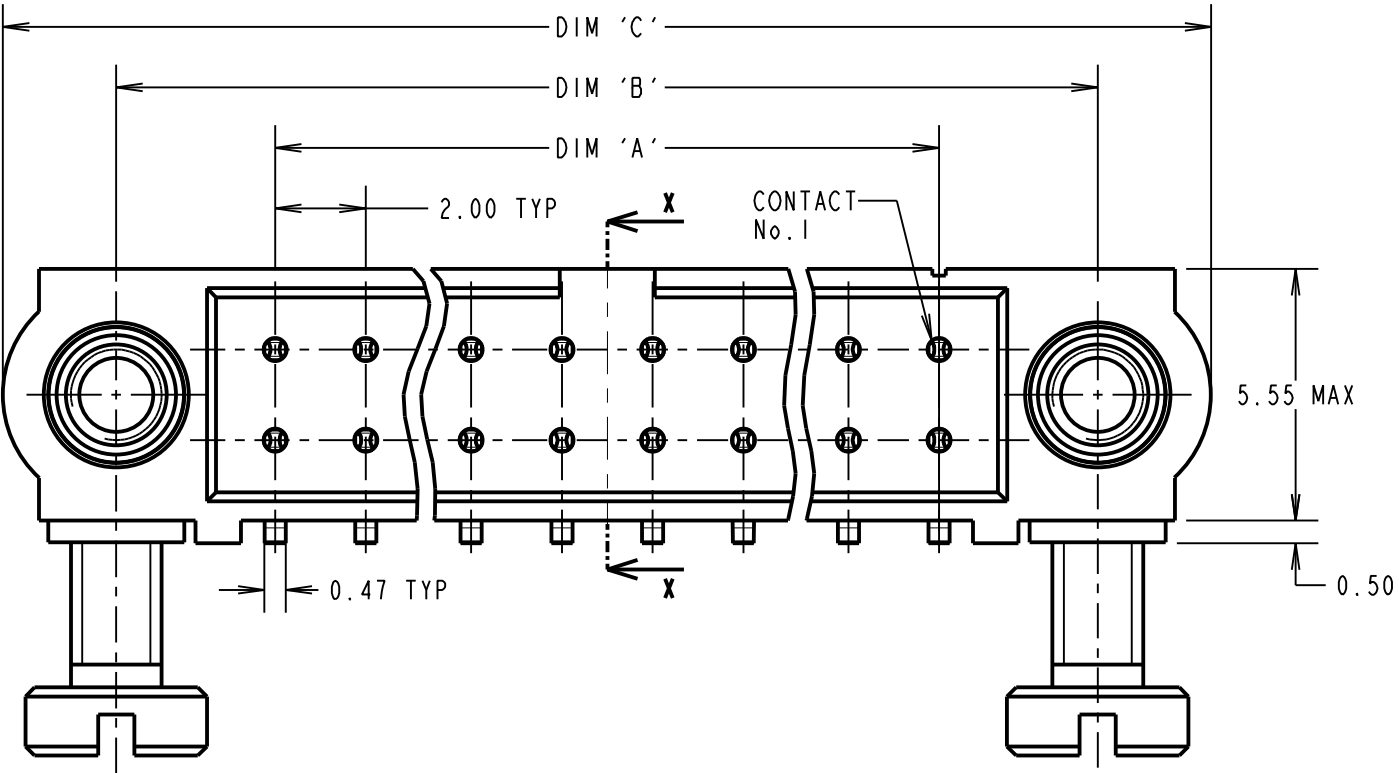
IF IN DOUBT - ASK

C

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

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

CONTACT = COPPER ALLOY

JACKSCREW = STAINLESS STEEL

FINISH:

05 = 0.75µ GOLD ALL OVER

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

42 = 0.75µ 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 = 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.

PRODUCT CODE:

M80-543XXXX

TOTAL No. OF CONTACTS _____

04 TO 50
(EVEN NUMBERS ONLY)

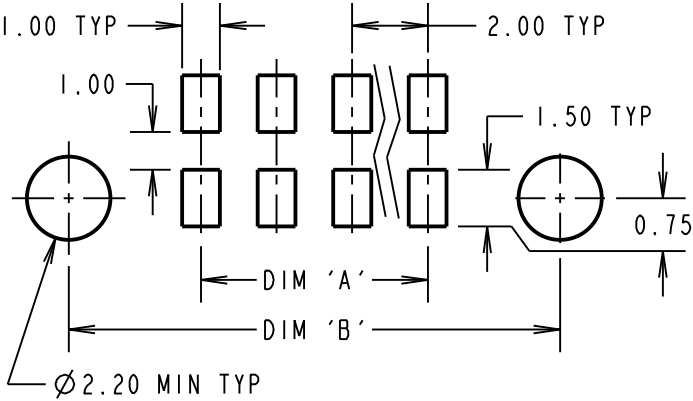
FINISH _____

05 - GOLD

22 - SELECTIVE GOLD, TIN/LEAD

42 - SELECTIVE GOLD, 100% TIN OVER NICKEL

RECOMMENDED PCB LAYOUT



DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2.00
DIM 'B'	TOTAL No. OF CONTACTS + 5.00
DIM 'C'	TOTAL No. OF CONTACTS + 10.00

EXAMPLE:

CONNECTOR WITH 20 CONTACTS, ALL GOLD CONTACTS,
M80-5432005

DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm

MSP	7	09.12.14	12719
NAME	ISS.	DATE	C/NOTE
APPROVED:	M.PERREN		
CHECKED:	M.PLESTED		
DRAWN:	B. M. KENT		
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES

X. = ±1mm

X.X = ±0.50mm

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 SMT MALE ASSY
WITH LONG BOARD MOUNT

DRAWING NUMBER:

M80-543XXXX