

Customer Information Sheet

DRAWING No.: M80-570XXX

SHEET 2 OF 2

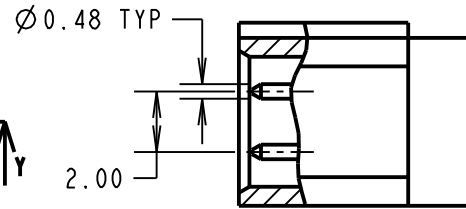
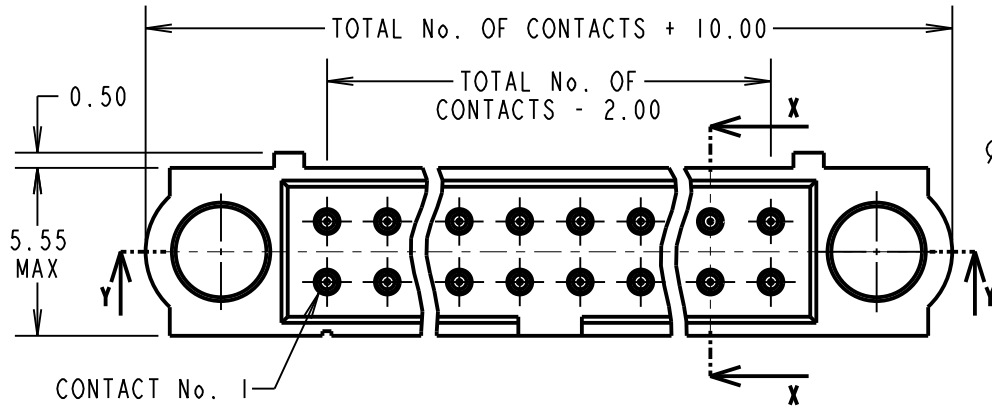
IF IN DOUBT - ASK

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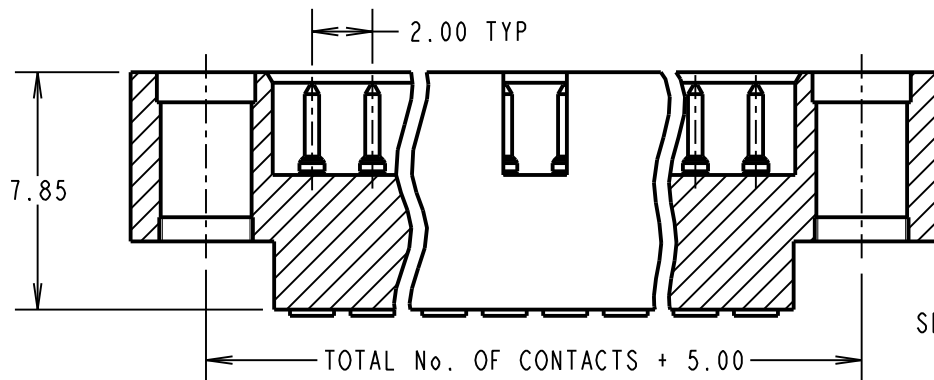
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



PART SECTION X-X



PART SECTION Y-Y

SPECIFICATIONS:

MATERIAL:
 Moulding = GLASS-FILLED PPS, UL94V-0, BLACK
 CONTACT = COPPER ALLOY

FINISH:
 0.25-0.3µ GOLD

ELECTRICAL:
 CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 WORKING VOLTAGE = 120V AC/DC
 VOLTAGE PROOF = 360V 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:
 LOOSE

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

NOTES:

- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
- FOR EXTRA CONTACTS, USE PART NUMBER M80-1940005.
- RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 22 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS

ORDER CODE:

M80-570XXX

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

FINISH _____
 05 - GOLD

SM	2	24.10.11	11516
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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: JACKSCREW DATAMATE
 DIL CRIMP (LARGE BORE)
 MALE ASSEMBLY (NO J/S)

DRAWING NUMBER:
M80-570XXX

SHT
 2 OF 2