

Customer Information Sheet

DRAWING No.: M80-5T1XXXXB1 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
BOARD/PANEL MOUNTS & NUTS = STAINLESS STEEL
BACKSHELL = ALUMINIUM ALLOY

FINISH:
CONTACTS:
05 = 0.75µ GOLD ALL OVER
22 = 0.75µ GOLD ON CONTACT AREA,
3µ TIN/LEAD ON TAILS
42 = 0.75µ GOLD ON CONTACT AREA,
3µ 100% TIN ON TAILS

BACKSHELL = NICKEL

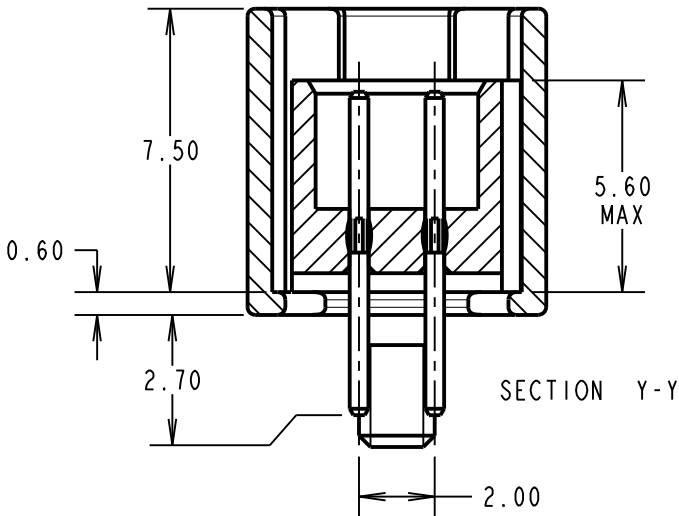
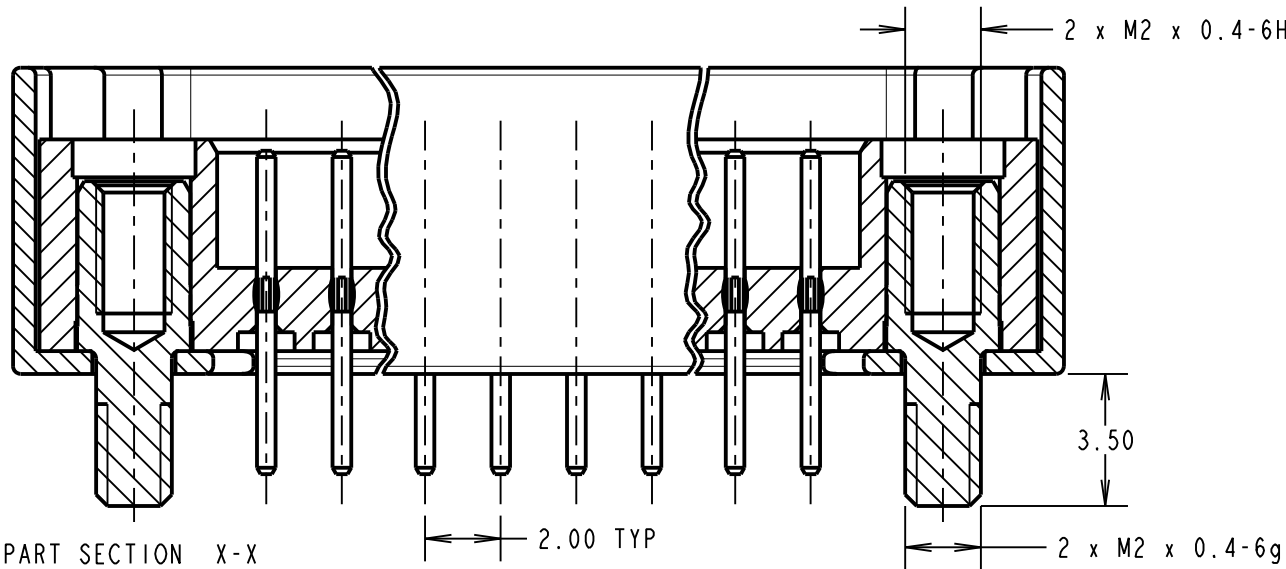
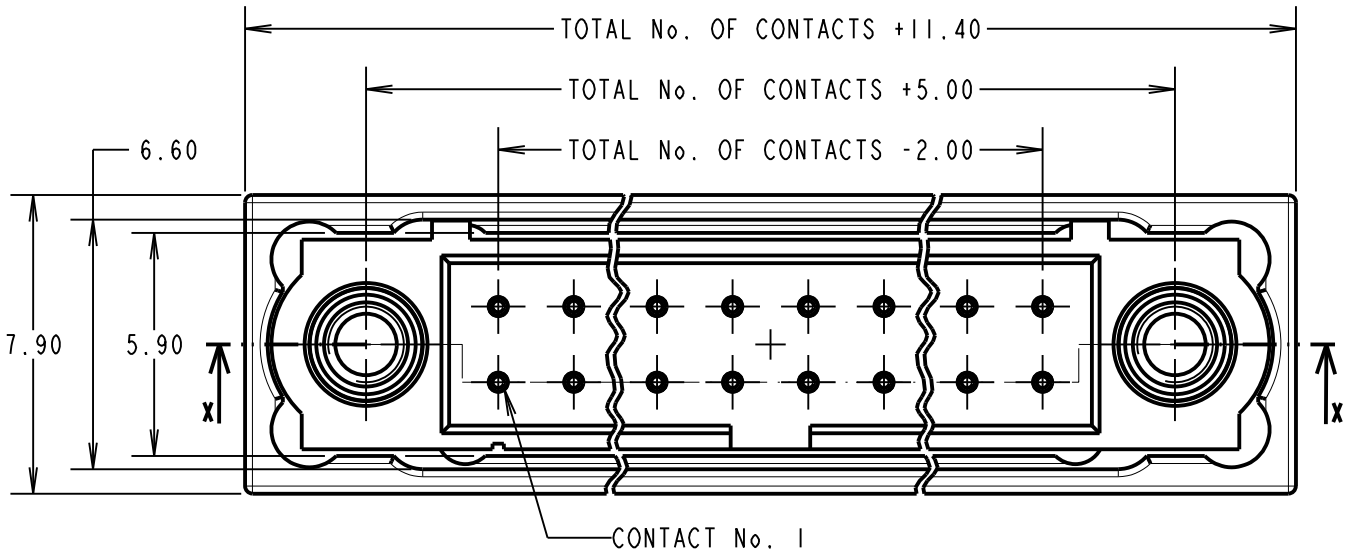
ELECTRICAL:
RF ATTENUATION = 10kHz to 400MHz @ >30dBs
IN GENERAL ACCORDANCE WITH MIL STD 1377 (1971)
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
WORKING VOLTAGE = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC
CONTACT RESISTANCE = 25 mΩ MAX
INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL:
DURABILITY = 500 OPERATIONS

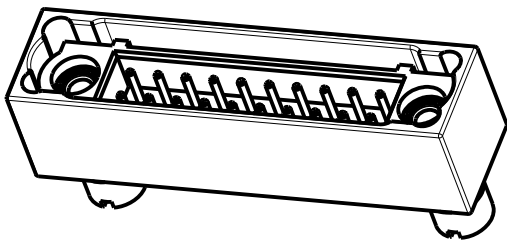
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +121°C

PACKING:
SEE NOTES
FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE) AND C042XX
(LATEST ISSUE)

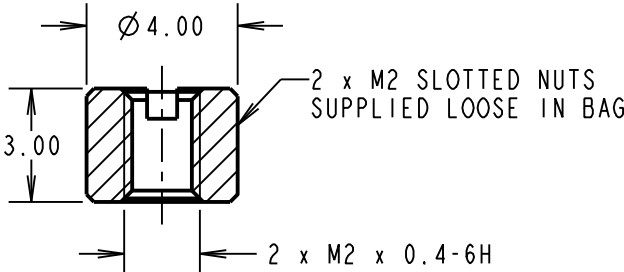
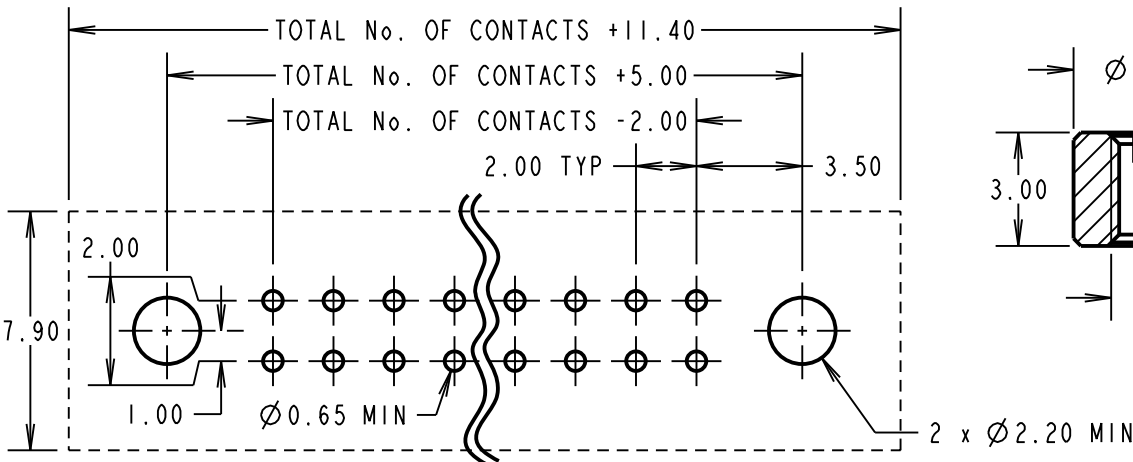
- NOTES:**
- SUPPLIED AS A KIT OF PARTS, CONNECTORS SHOWN ASSEMBLED FOR INFORMATION PURPOSES ONLY.
 - CONNECTORS WITH JACKSCREWS ASSEMBLED WILL BE SUPPLIED IN TUBES, SLOTTED NUTS WILL BE SUPPLIED LOOSE IN A BAG, BACKSHELLS WILL BE INDIVIDUALLY BAGGED. KITS WILL BE BULK PACKED INTO BOXES.



ASSEMBLED CONNECTOR
SHOWN FOR ILLUSTRATION
PURPOSES ONLY



RECOMMENDED PCB LAYOUT



SB	4	15.03.11	11172
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: S.FLOWER			
CUSTOMER REF.:			
ASSEMBLY DRG:			

EXAMPLE ORDER CODE: CONNECTOR WITH 20 CONTACTS,
GOLD ON CONTACT AREA AND 100% TIN ON TAIL, 2.7mm PC TAIL

M80-5T12042B1

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HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg			FINISH: SEE ABOVE	
			S/AREA: mm ²			