

Customer Information Sheet

DRAWING No.: M80-5C1XXXXBI

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 = BRASS
- PANEL MOUNT & NUT = STAINLESS STEEL
- BACKSHELL = ALUMINIUM ALLOY

FINISH:

- CONTACT = 0.75µ GOLD ALL OVER
- BACKSHELL = NICKEL

ELECTRICAL:

- RF ATTENUATION = 10 kHz TO 400MHz @ >30 dBs
- 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

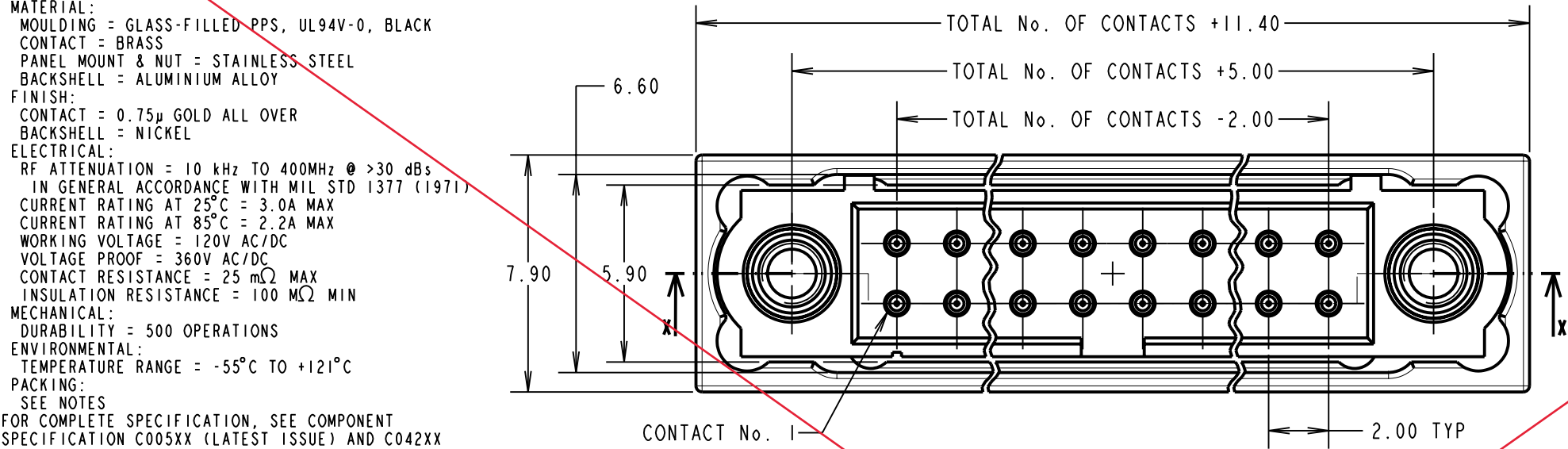
ENVIRONMENTAL:

- TEMPERATURE RANGE = -55°C TO +121°C

PACKING:

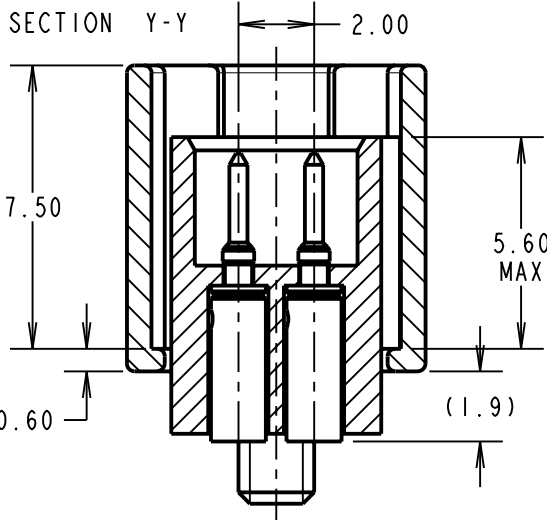
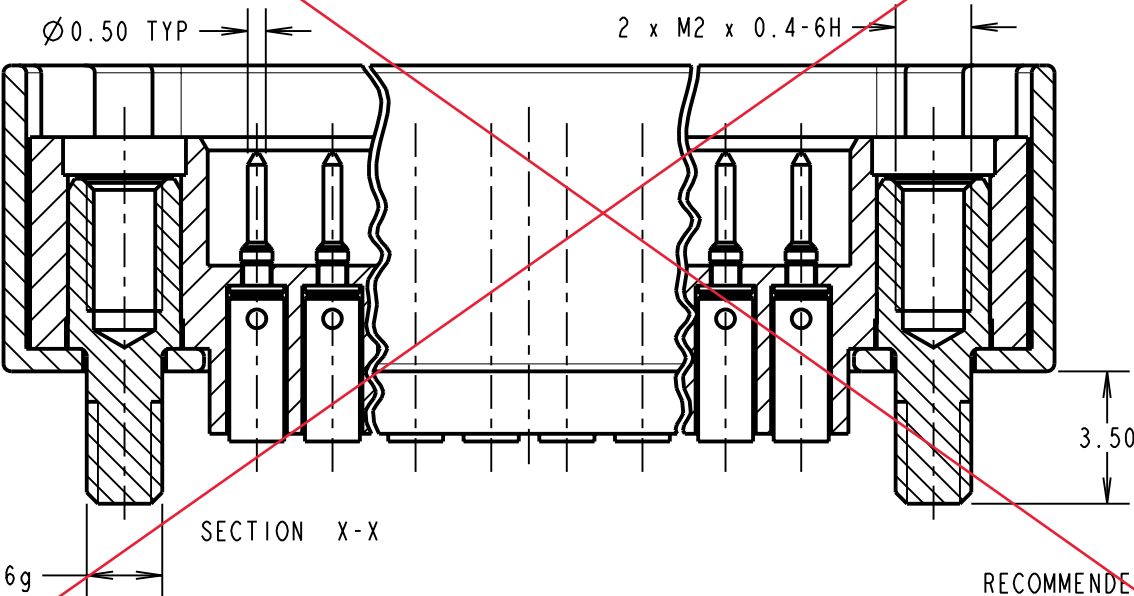
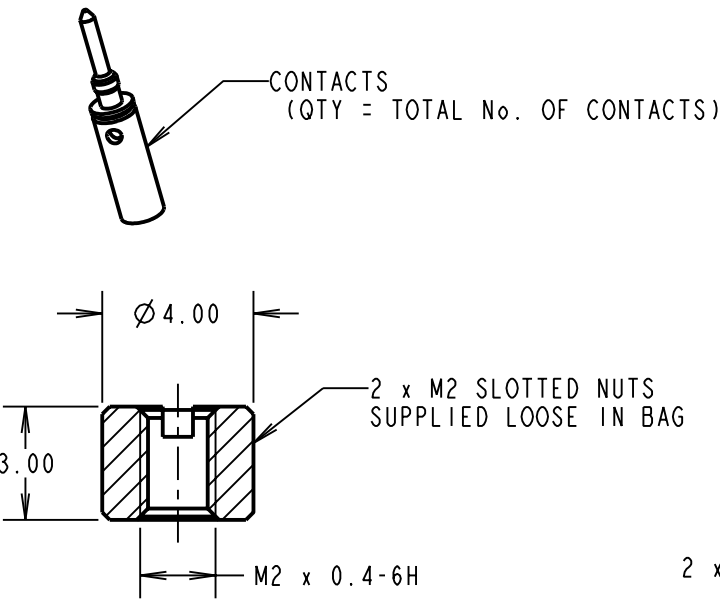
- SEE NOTES

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, SLOTTED NUTS AND CONTACTS WILL BE SUPPLIED LOOSE IN A BAG, BACKSHELLS WILL BE INDIVIDUALLY BAGGED. KITS WILL BE BULK PACKED INTO BOXES
 - FOR EXTRA CONTACTS, USE PART No: M80-1950005 FOR M80-5C1XX05BI
 - FOR M80-5C1XX05BI RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 24-28 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
 - RECOMMENDED HAND CRIMP TOOL FOR ALL CONTACTS = M22520/2-01 WITH POSITIONER Z80-193
 - CONTACT INSERTION AND EXTRACTION TOOL = Z80-280.
 - INSTRUCTION SHEETS ARE AVAILABLE.

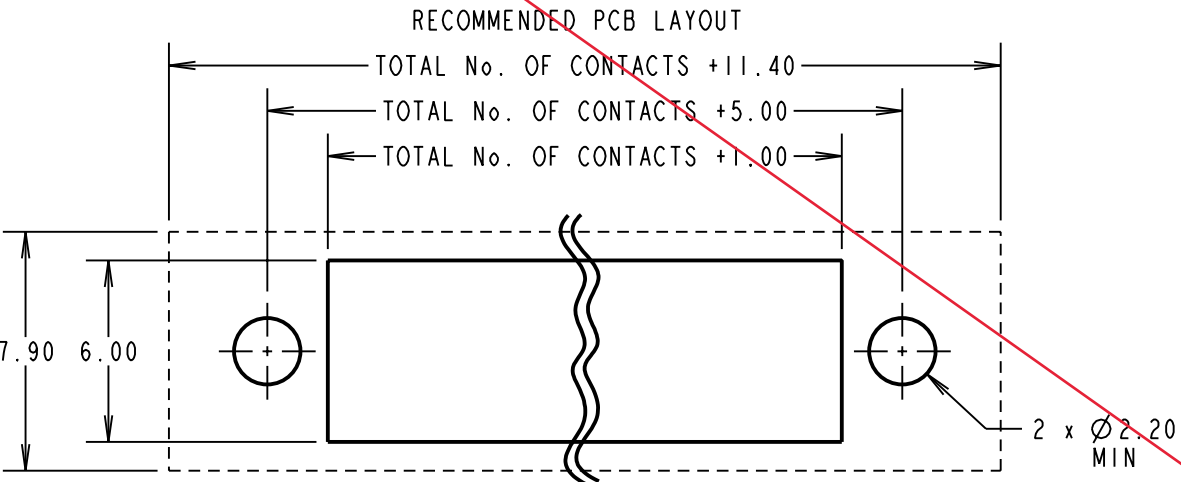
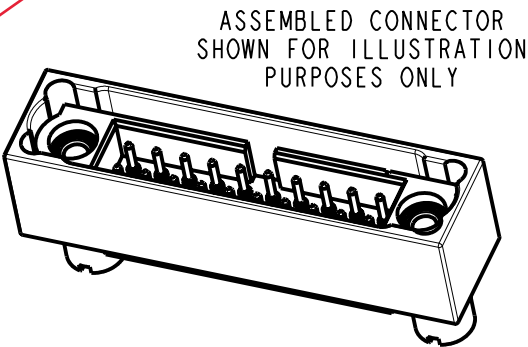
OBSOLETE



ORDER CODE: **M80-5C1XXXXBI**

TOTAL No. OF CONTACTS
06, 10, 14, 20, 26

FINISH CODE
05 - ALL OVER GOLD



EXAMPLE ORDER CODE: CONNECTOR WITH 20 SMALL BORE CONTACTS, ALL OVER GOLD CONTACT.

M80-5C12005BI

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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				
DRAWING NUMBER: M80-5C1XXXXBI						

Mouser Electronics

Authorized Distributor

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Harwin:

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