

Customer Information Sheet

DRAWING No.: M80-5C1XXXXB1 SHEET 2 OF 2

IF IN DOUBT - ASK

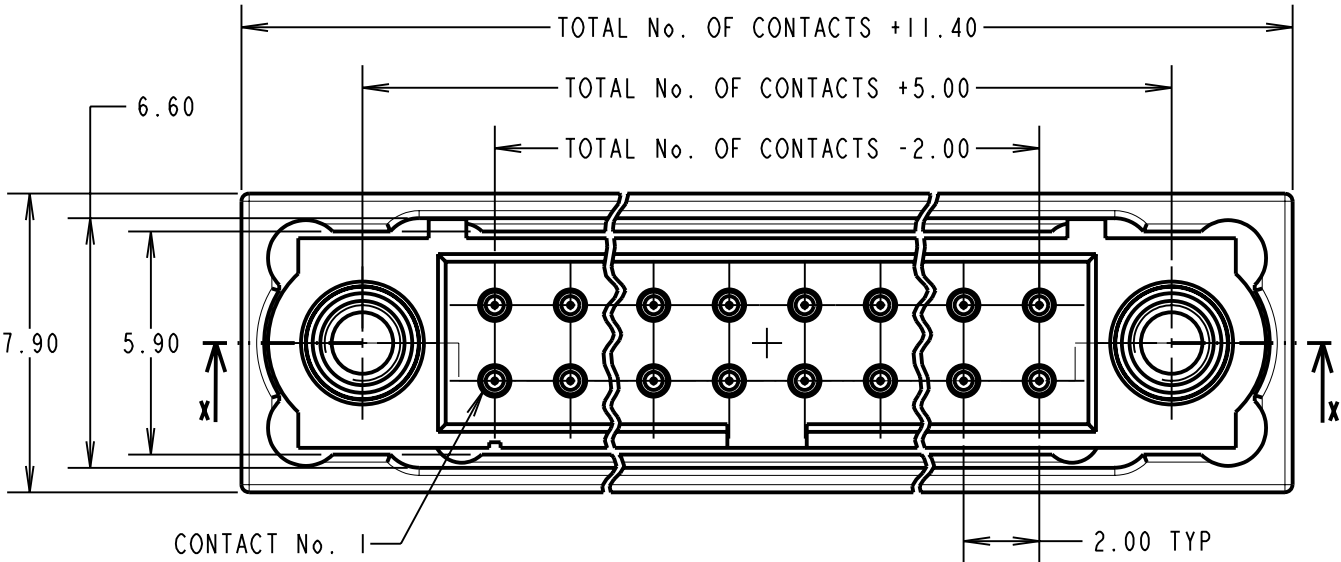
(C)

NOT TO SCALE

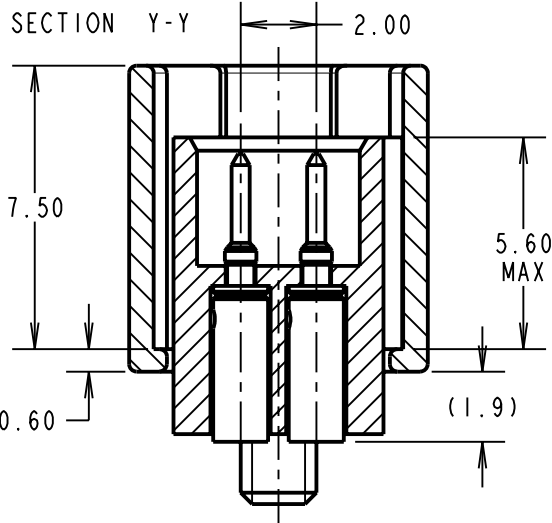
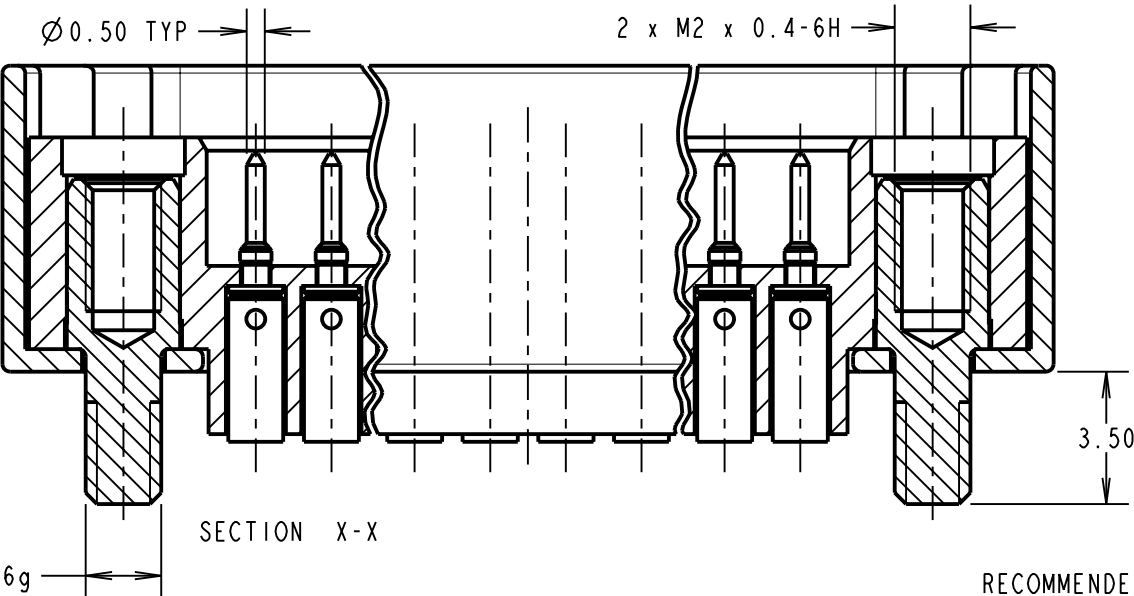
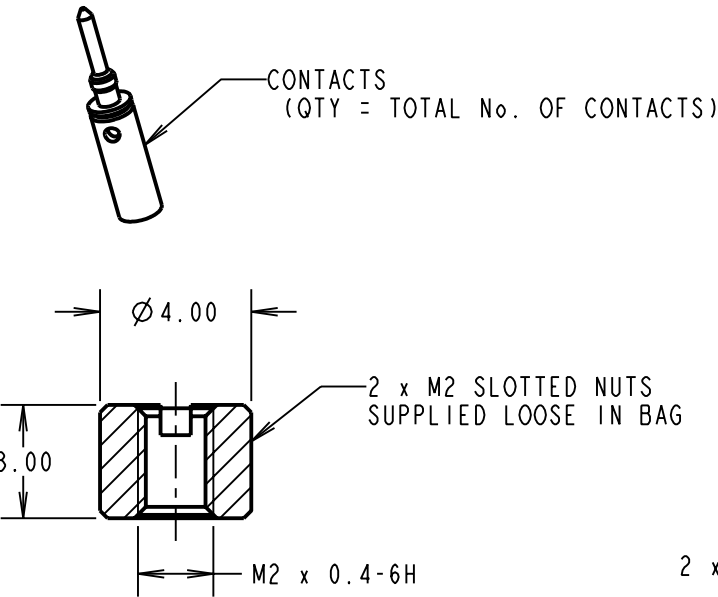
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

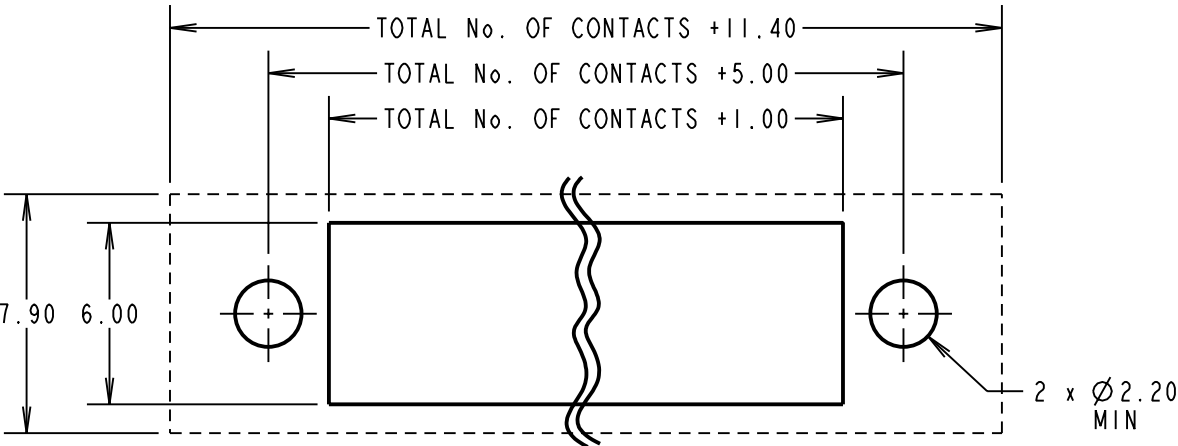
SPECIFICATIONS:
MATERIAL:
MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
CONTACT = BRASS
PANEL MOUNT & NUT = STAINLESS STEEL
BACKSHELL = ALUMINIUM ALLOY
FINISH:
CONTACT = 0.75µ GOLD ALL OVER
BACKSHELL = NICKEL
ELECTRICAL:
RF ATTENUATION = 10 kHz TO 400MHz @ >30 dBs
IN GENERAL ACCORDANCE WITH MIL STD 1377 (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 M80-5C1XX05B1
 - FOR M80-5C1XX05B1 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.

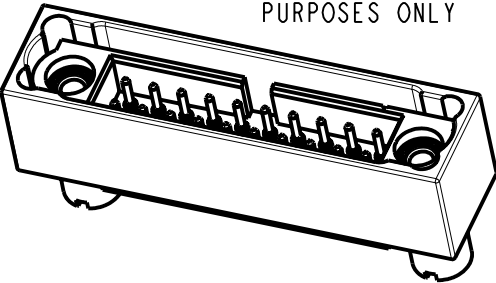


RECOMMENDED PCB LAYOUT



ORDER CODE: **M80-5C1XXXXB1**
TOTAL No. OF CONTACTS
06, 10, 14, 20, 26
FINISH CODE
05 - ALL OVER GOLD

ASSEMBLED CONNECTOR
SHOWN FOR ILLUSTRATION
PURPOSES ONLY



EXAMPLE ORDER CODE: CONNECTOR WITH 20 SMALL BORE
CONTACTS, ALL OVER GOLD CONTACT.
M80-5C12005B1

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: DATAMATE J-TEK DIL
MALE CRIMP (SMALL BORE) ASSY
WITH METAL BACKSHELL

DRAWING NUMBER: **M80-5C1XXXXB1**

SB	4	14.03.11	11172
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: S.FLOWER			
CUSTOMER REF.:			
ASSEMBLY DRG:			

SHT
2
OF
2