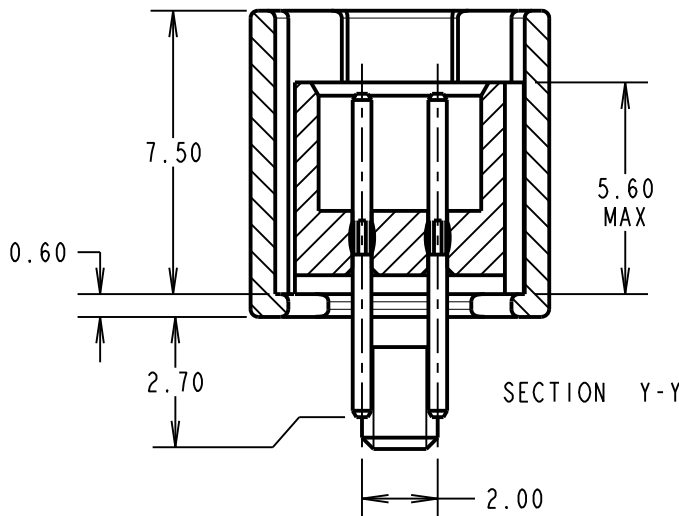
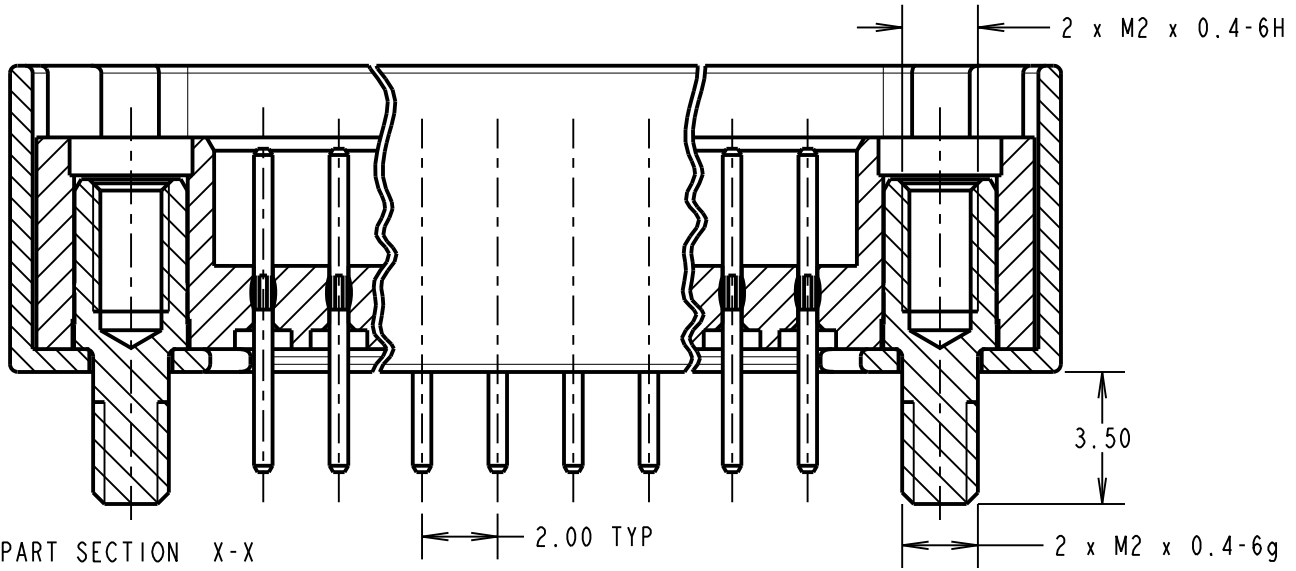
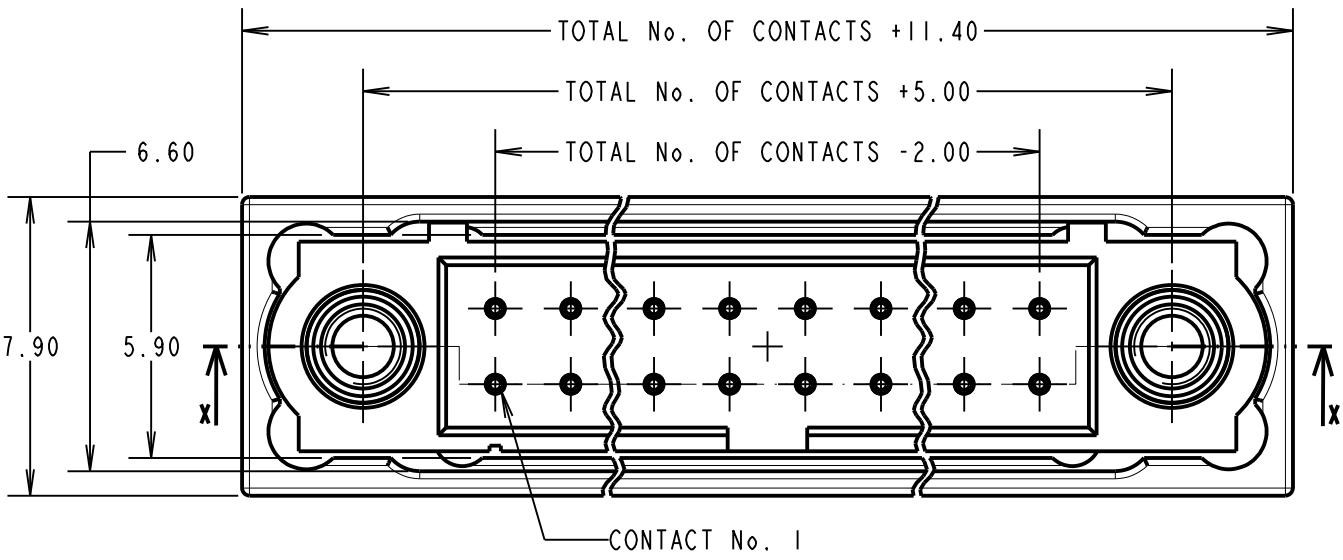


# Customer Information Sheet

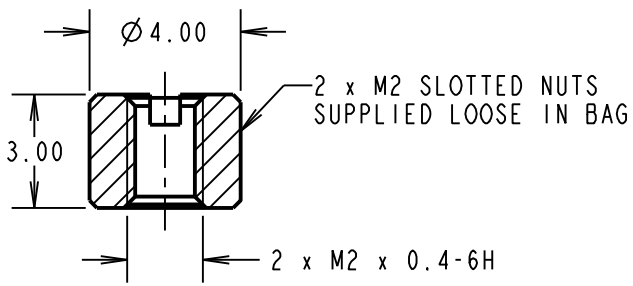
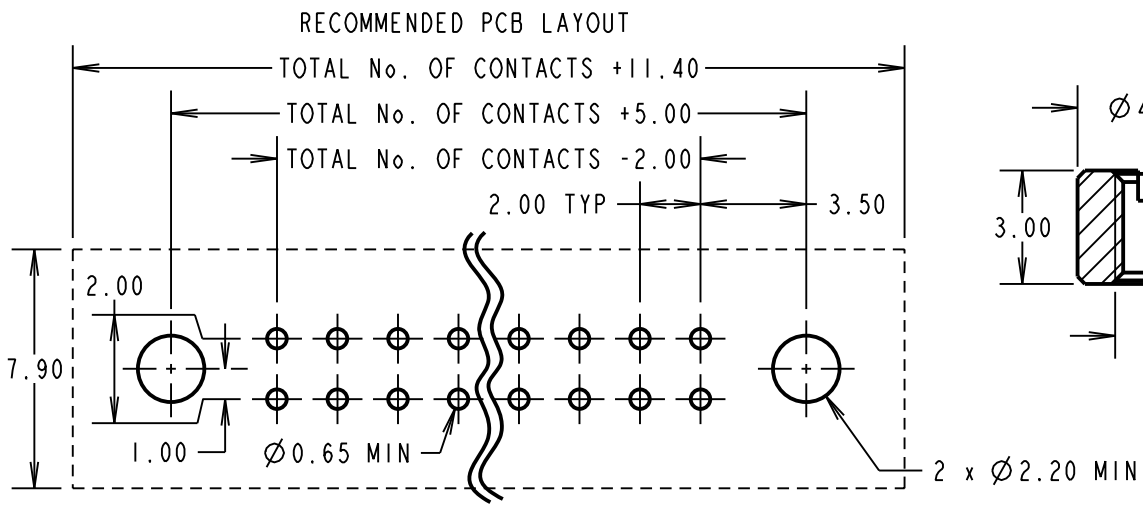
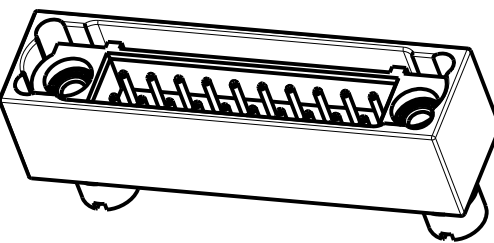
DRAWING No.: M80-5T1XXXXB1 SHEET 2 OF 2 IF IN DOUBT - ASK (C) NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

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:  
1. SUPPLIED AS A KIT OF PARTS, CONNECTORS SHOWN  
ASSEMBLED FOR INFORMATION PURPOSES ONLY.  
2. 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



|                     |      |          |        |
|---------------------|------|----------|--------|
| 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**

|                                                                        |                                                                                    |                                                                                |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                  |                                      |                                                                                       |  |
|------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------|--|
| <div>HARWIN</div>                                                      |                                                                                    |                                                                                | THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION. | TOLERANCES<br>X. = $\pm 1\text{mm}$<br>X.X = $\pm 0.25\text{mm}$<br>X.XX = $\pm 0.10\text{mm}$<br>X.XXX = $\pm 0.01\text{mm}$<br><br>ANGLES = $\pm 5^\circ$<br><br>UNLESS STATED | MATERIAL:<br><br>SEE ABOVE           | TITLE: DATAMATE J-TEK DIL<br>VERTICAL 2.7mm PC-TAIL MALE<br>ASSY WITH METAL BACKSHELL |  |
| HARWIN USA<br>TEL: 603 893 5376<br>FAX: 603 893 5396<br>mis@harwin.com | HARWIN Europe (UK)<br>TEL: 023 9231 4545<br>FAX: 023 9231 4590<br>mis@harwin.co.uk | HARWIN Asia<br>TEL: +65 6 779 4909<br>FAX: +65 6 779 3868<br>mis@harwin.com.sg |                                                                                                                                                                                                                                                                             | FINISH: SEE ABOVE                                                                                                                                                                | DRAWING NUMBER:<br><br>M80-5T1XXXXB1 | SHT<br>2<br>OF                                                                        |  |
|                                                                        |                                                                                    |                                                                                |                                                                                                                                                                                                                                                                             | S/AREA: mm <sup>2</sup>                                                                                                                                                          |                                      |                                                                                       |  |
|                                                                        |                                                                                    |                                                                                |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                  |                                      |                                                                                       |  |