

# Customer Information Sheet

DRAWING No.: M80-5L10405MI-02-333-00-000 SHEET 2 OF 2 IF IN DOUBT - ASK © NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

## SPECIFICATIONS:

**MATERIAL:**  
MOULDING: GLASS FILLED PPS, UL94V-0, BLACK  
SIGNAL CONTACT: PHOSPHOR BRONZE  
POWER CONTACT: COPPER ALLOY  
JACKSCREW: STAINLESS STEEL

**FINISH:**  
SIGNAL CONTACT:  
0.75µ GOLD ON CONTACT AREA,  
POWER CONTACT: GOLD

**ELECTRICAL:**  
WORKING VOLTAGE = 800V AC/DC  
VOLTAGE PROOF = 1200V AC/DC  
INSULATION RESISTANCE = 100MΩ MIN

**SIGNAL CONTACT:**  
CURRENT RATING AT 25°C = 3.0A MAX  
CURRENT RATING AT 85°C = 2.2A MAX  
CONTACT RESISTANCE = 25mΩ MAX

**POWER CONTACT:**  
CONTACT RESISTANCE 6mΩ MAX  
CURRENT RATING = 20A MAX

**MECHANICAL:**  
DURABILITY = 500 OPERATIONS

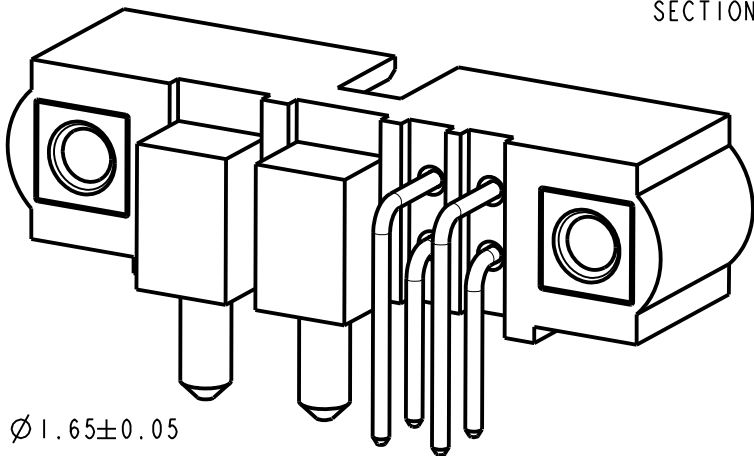
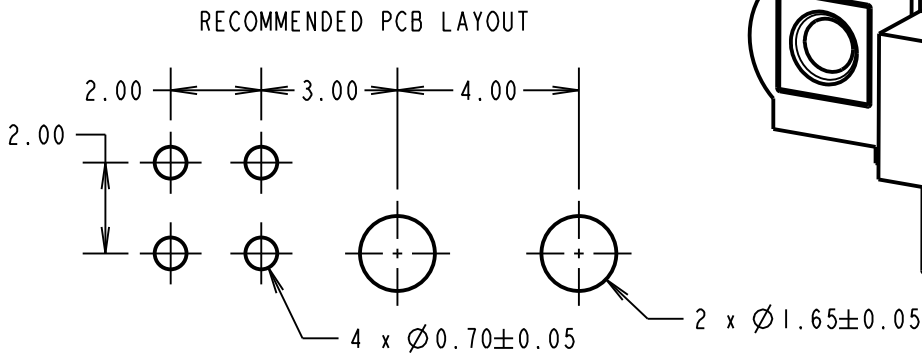
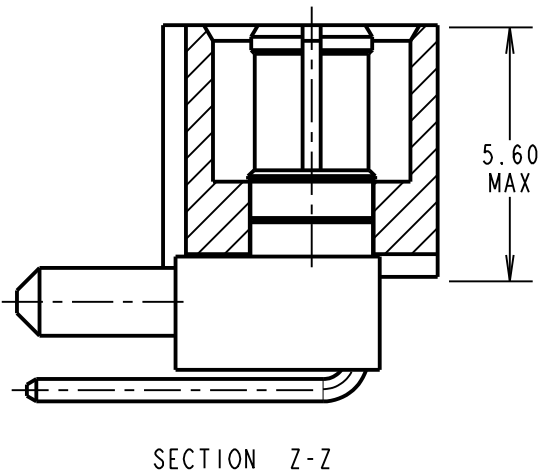
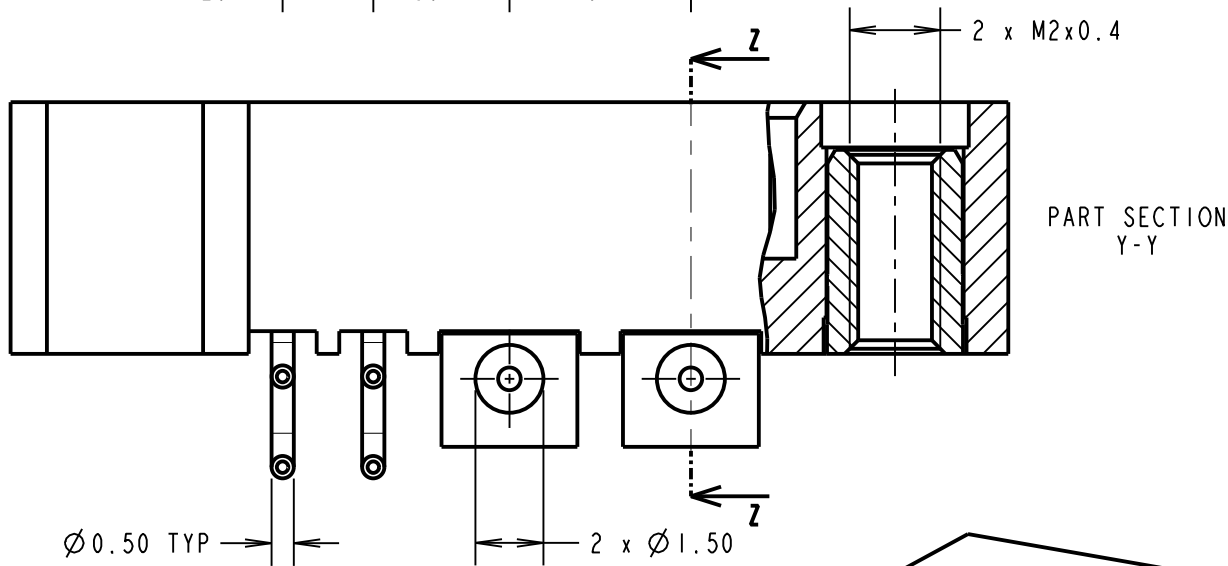
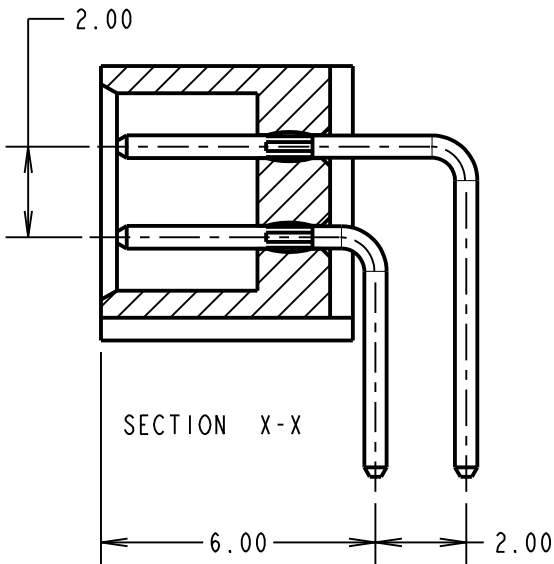
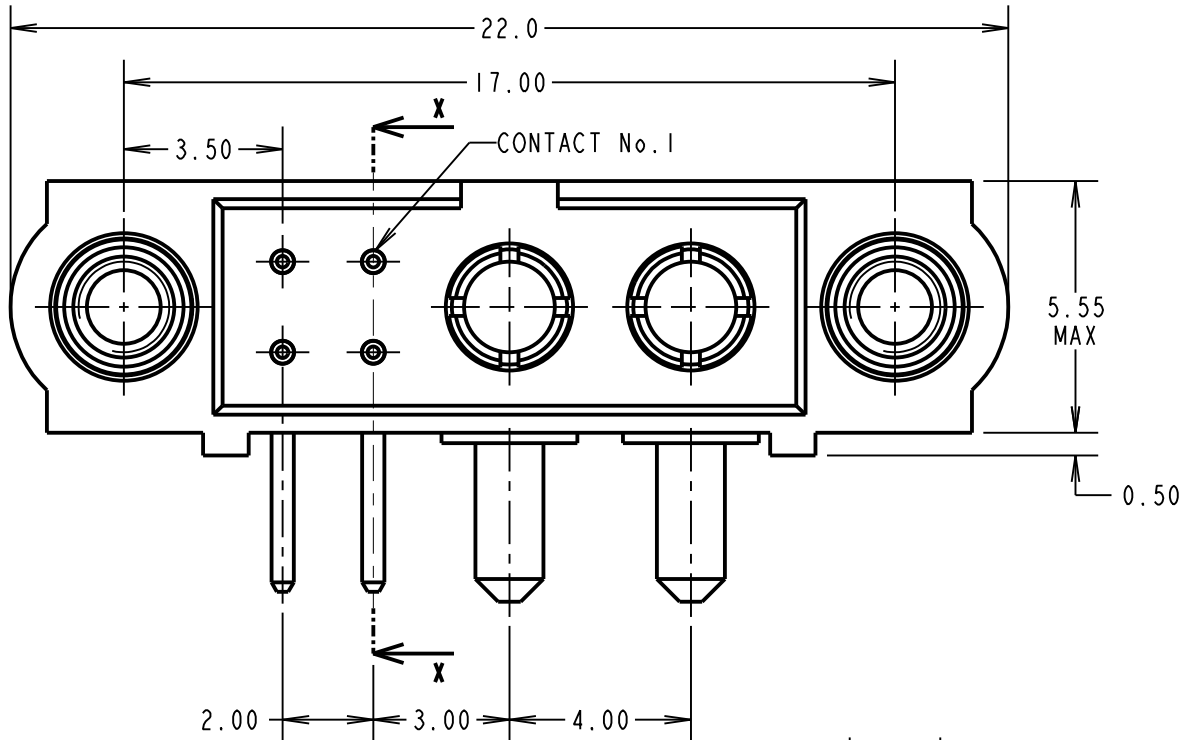
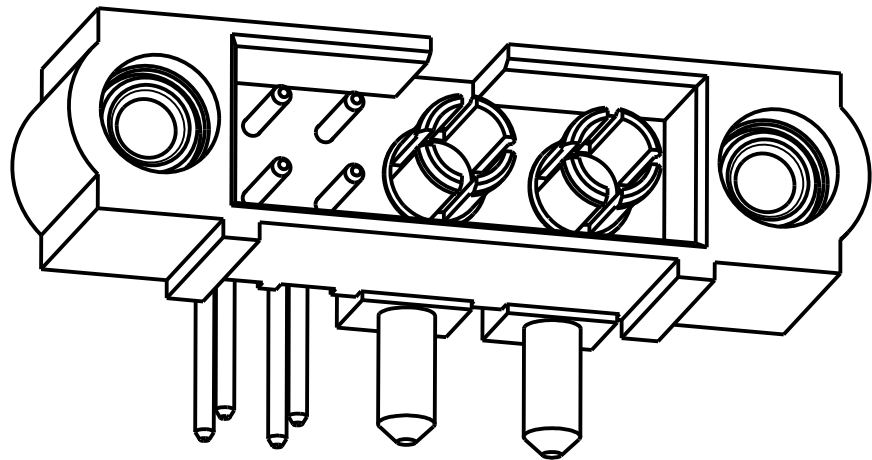
**SIGNAL CONTACT:**  
INSERTION FORCE = 2.0N MAX  
WITHDRAWAL FORCE = 0.2N MIN

**POWER CONTACT:**  
INSERTION FORCE = 8N MAX  
WITHDRAWAL FORCE = 0.5N MIN

**ENVIRONMENTAL:**  
TEMPERATURE RANGE = -55°C TO +125°C

**PACKING:**  
TUBE

FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



|                       |      |          |        |
|-----------------------|------|----------|--------|
| LS                    | 2    | 13.10.17 | 13269  |
| NAME                  | ISS. | DATE     | C/NOTE |
| APPROVED: LS          |      |          |        |
| CHECKED: SB           |      |          |        |
| DRAWN: MARK G PLESTED |      |          |        |
| CUSTOMER REF.:        |      |          |        |
| ASSEMBLY DRG:         |      |          |        |

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www.harwin.com  
technical@harwin.com

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**TOLERANCES**  
X. = ±1mm  
X.X = ±0.50mm  
X.XX = ±0.10mm  
X.XXX = ±0.01mm  
**ANGLES = ±5°**  
**UNLESS STATED**

**MATERIAL:**

SEE ABOVE

**FINISH:**

SEE ABOVE

**S/AREA:**

mm<sup>2</sup>

**TITLE:** JACKSCREW DATAMATE  
MIXED TECHNOLOGY  
PC TAIL MALE ASSEMBLY

**DRAWING NUMBER:**

**M80-5L10405MI-02-333-00-000**

SHT  
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