

# Customer Information Sheet

DRAWING No.: M80-5T10405MC-02-331-00-000

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  
IOILOK RETAINER = STAINLESS STEEL

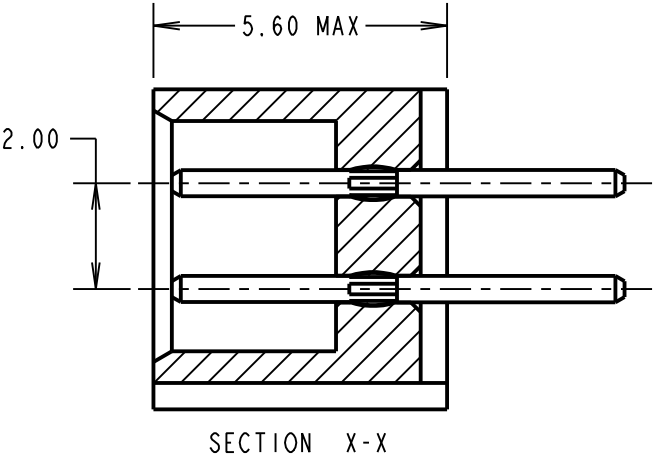
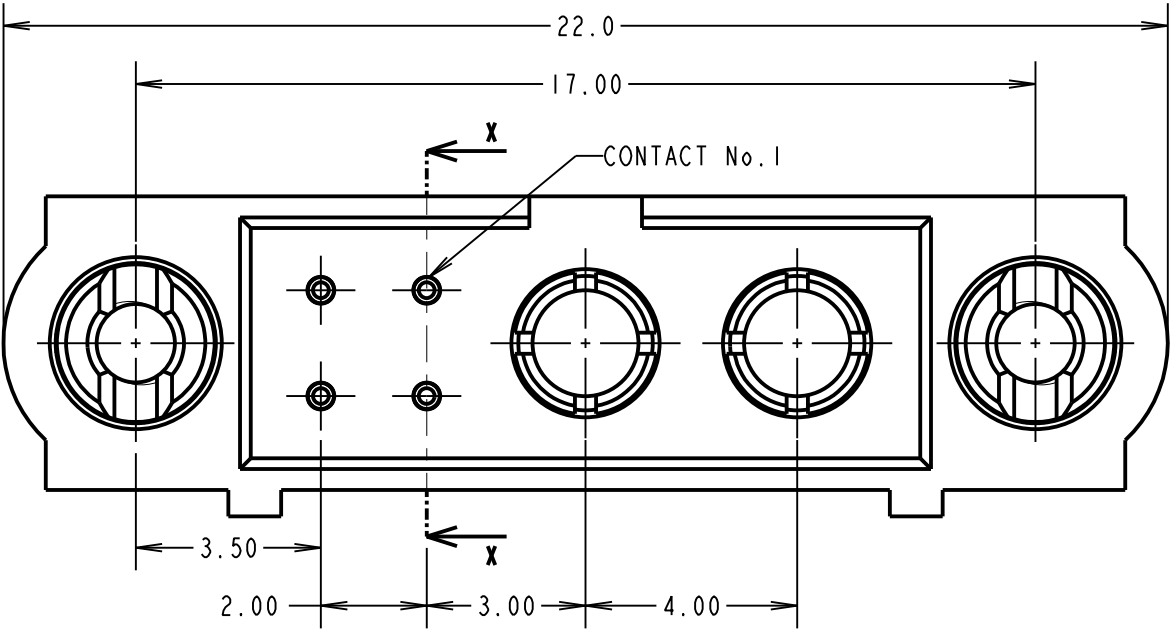
**FINISH:**  
SIGNAL CONTACT:  
0.75µ GOLD ON CONTACT AREA,  
0.75µ GOLD ON TAILS  
POWER CONTACT: GOLD

**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

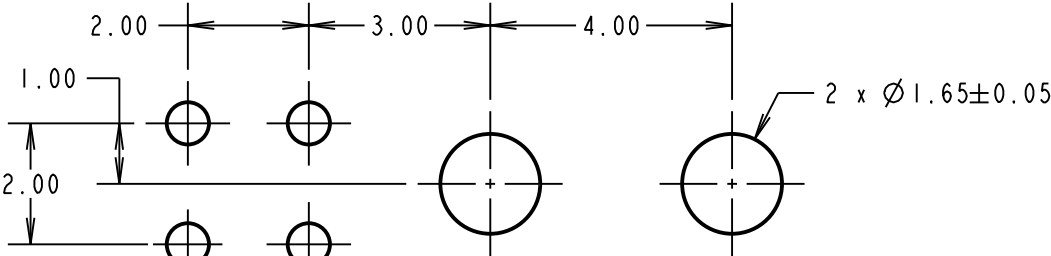
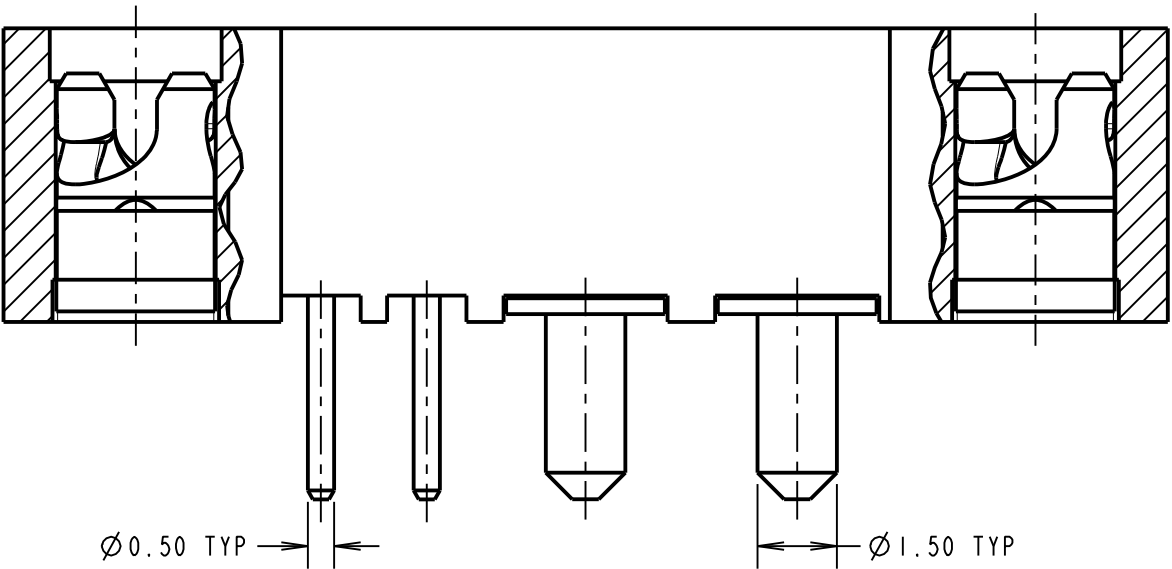
**MECHANICAL:**  
DURABILITY = 500 OPERATIONS  
SIGNAL CONTACT:  
INSERTION FORCE = 2.0N MAX  
WITHDRAWAL FORCE = 0.2N MIN  
POWER CONTACT:  
INSERTION FORCE = 8.0N MAX  
WITHDRAWAL FORCE = 0.5N MIN

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

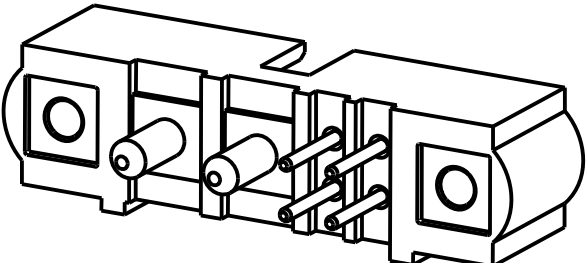
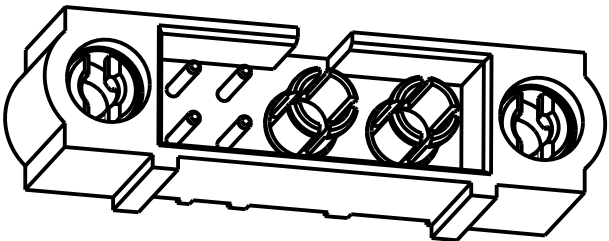
**PACKING:**  
TUBE  
FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



PART SECTION Y-Y



RECOMMENDED PCB LAYOUT



|                      |      |          |        |
|----------------------|------|----------|--------|
| FM                   | 2    | 04.10.17 | 13269  |
| NAME                 | ISS. | DATE     | C/NOTE |
| APPROVED: F. MCGOWAN |      |          |        |
| CHECKED: S. BENNETT  |      |          |        |
| DRAWN: S. MCCULLAGH  |      |          |        |
| CUSTOMER REF.:       |      |          |        |
| ASSEMBLY DRG:        |      |          |        |

**HARWIN**

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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 VERTICAL  
PC TAIL MALE ASSEMBLY  
**DRAWING NUMBER:** M80-5T10405MC-02-331-00-000  
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