

# Customer Information Sheet

DRAWING No.: M80-5T10622M3-04-332-00-000

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

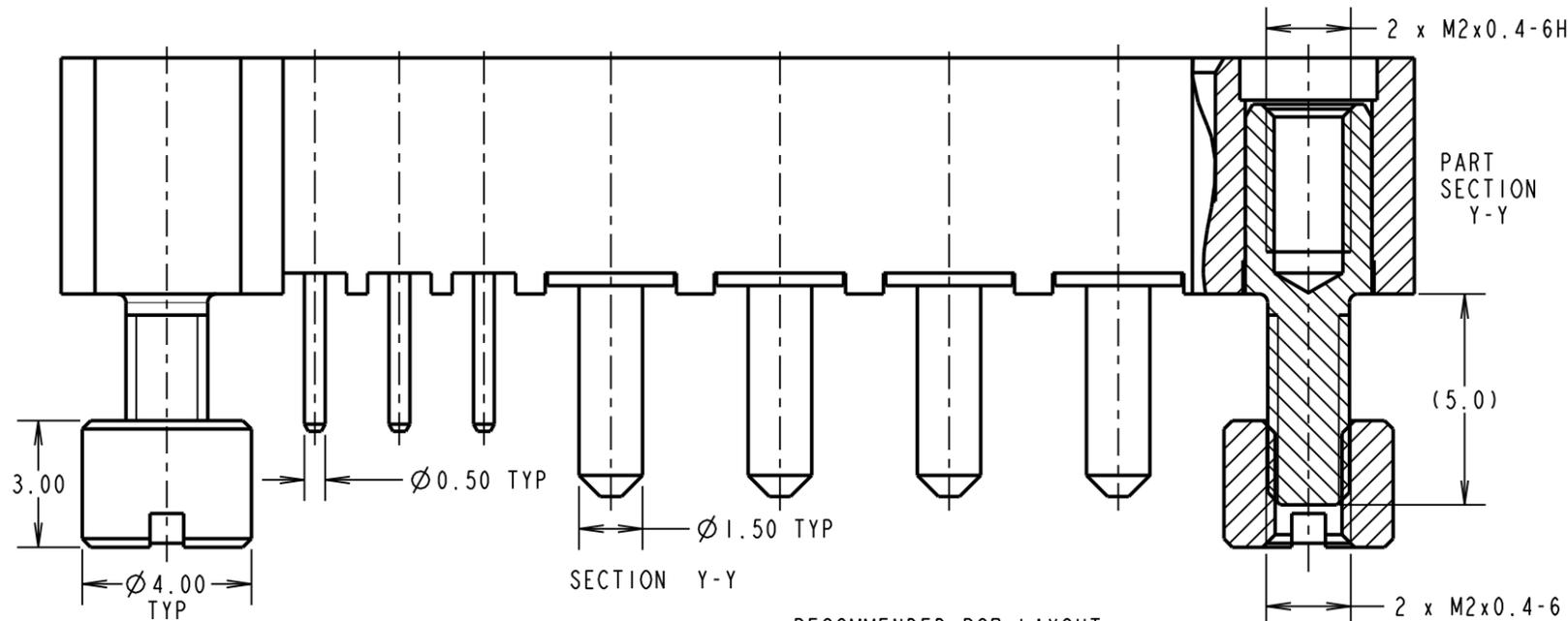
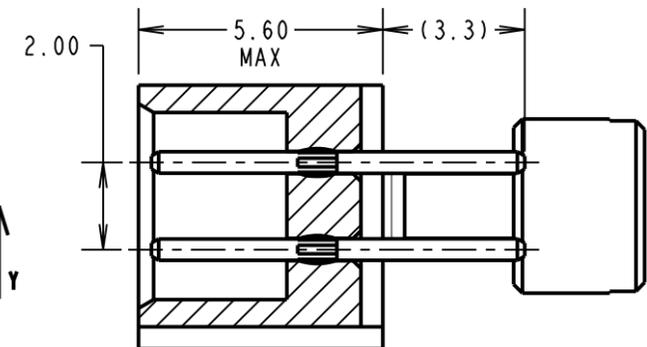
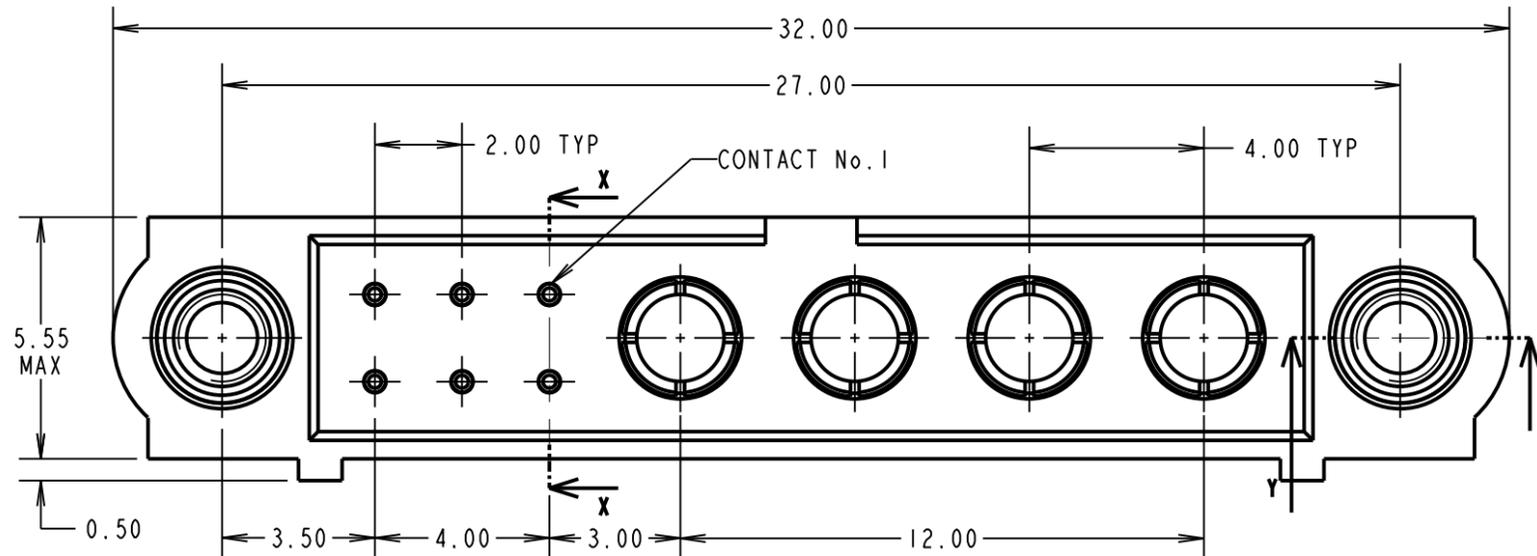
**FINISH:**  
 Signal Contact:  
 0.75µ GOLD ON CONTACT AREA,  
 0.3µ 90/10 TIN/LEAD ON TAILS  
 Power Contact: GOLD

**ELECTRICAL:**  
 WORKING VOLTAGE = 120V AC/DC  
 VOLTAGE PROOF = 360V 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 = 25 mΩ MAX  
 Power Contact:  
 CONTACT RESISTANCE 6 mΩ MAX  
 CURRENT RATING = 20A MAX

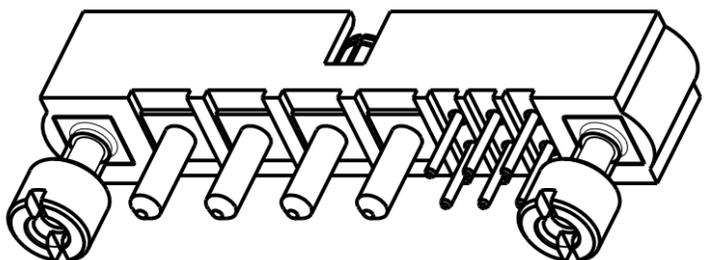
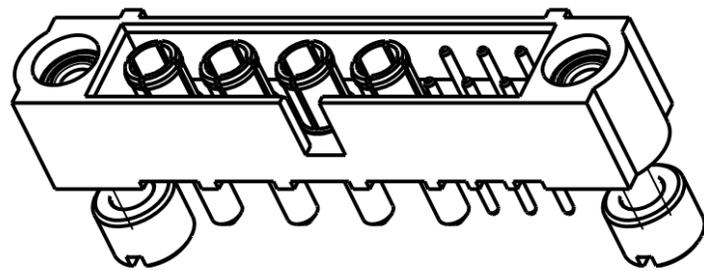
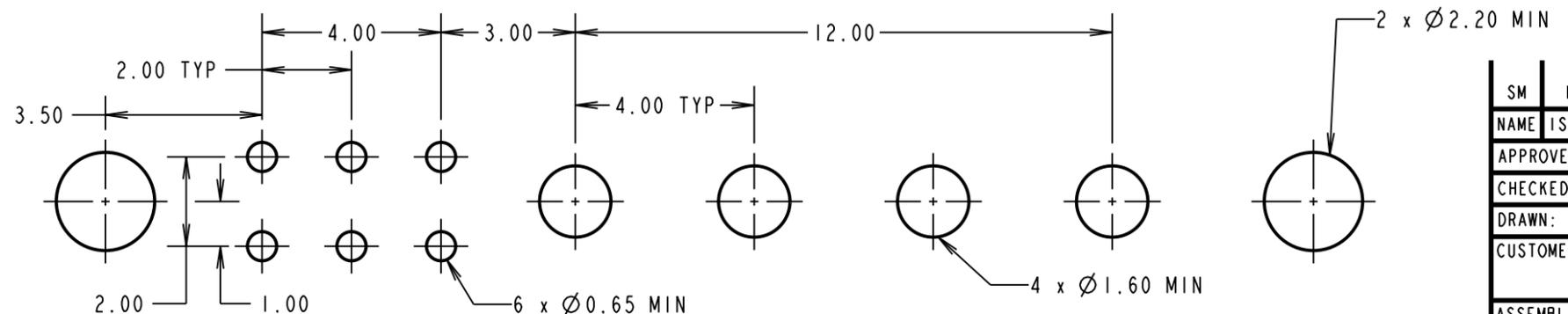
**MECHANICAL:**  
 DURABILITY = 500 OPERATIONS  
 Signal Contact:  
 INSERTION FORCE = 2.8N MAX  
 WITHDRAWAL FORCE = 0.2N MIN  
 Power Contact:  
 INSERTION FORCE = 5N MAX  
 WITHDRAWAL FORCE = 0.5N MIN

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

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



RECOMMENDED PCB LAYOUT



|                        |      |          |        |
|------------------------|------|----------|--------|
| SM                     | 1    | 14.10.10 | -----  |
| NAME                   | ISS. | DATE     | C/NOTE |
| APPROVED: S. MCCULLAGH |      |          |        |
| CHECKED: R. ADDE       |      |          |        |
| DRAWN: S. MCCULLAGH    |      |          |        |
| CUSTOMER REF.:         |      |          |        |
| ASSEMBLY DRG:          |      |          |        |

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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:**  
 mm<sup>2</sup>

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

**DRAWING NUMBER:**  
 M80-5T10622M3-04-332-00-000

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