

# Customer Information Sheet

DRAWING No.: M80-5T202M3-22-000

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  
 BOARD-MOUNT JACKSCREW, NUT: STAINLESS STEEL

**FINISH:**  
 SIGNAL CONTACT:  
 75µ GOLD ON CONTACT AREA,  
 3µ 100% TIN OVER NICKEL ON TAILS

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

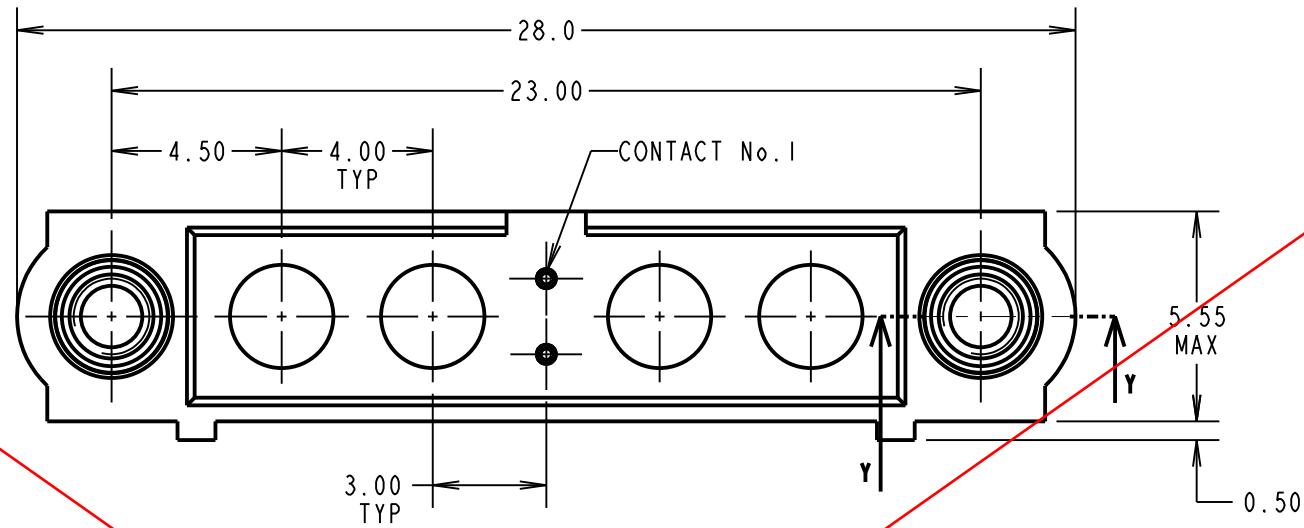
CURRENT RATING AT 25°C = 3.0A MAX  
 CURRENT RATING AT 85°C = 2.2A MAX  
 CONTACT RESISTANCE = 25mΩ MAX

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

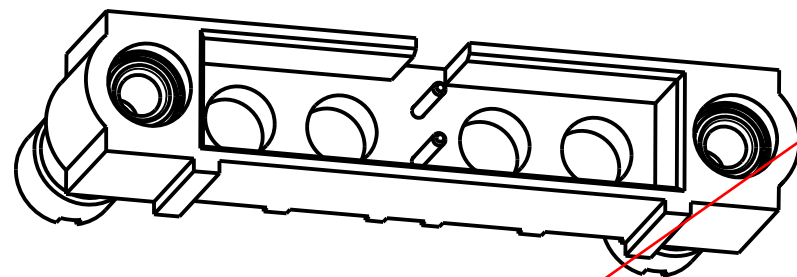
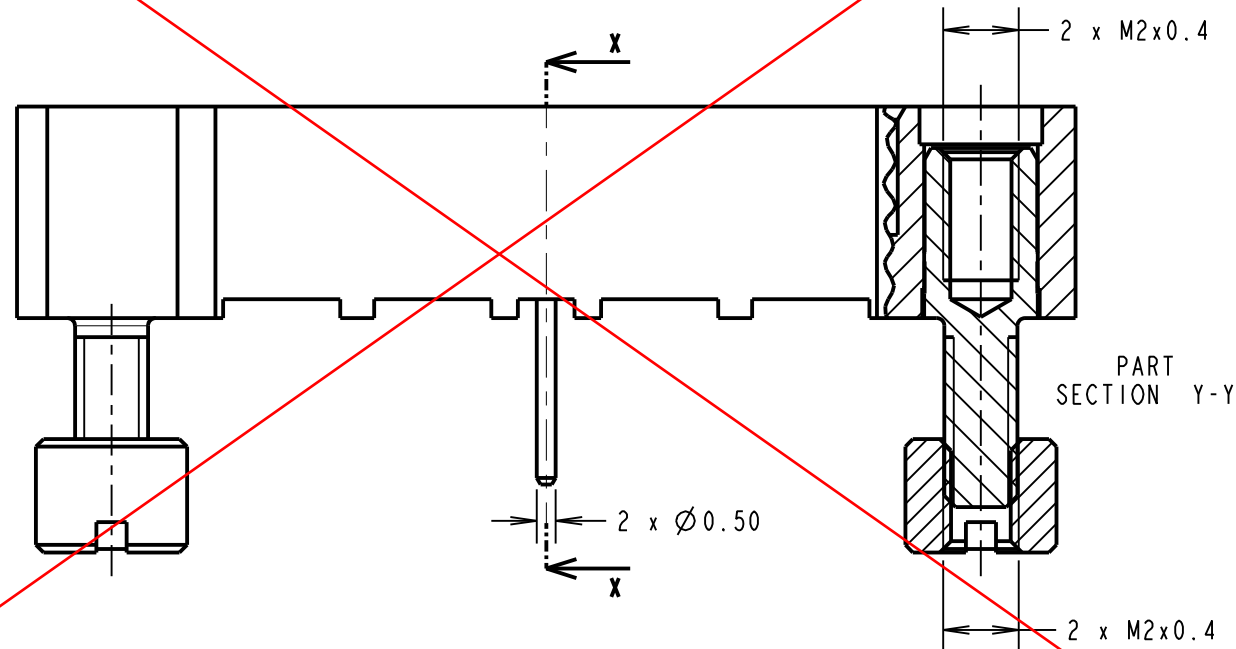
**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -55°C TO +125°C

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

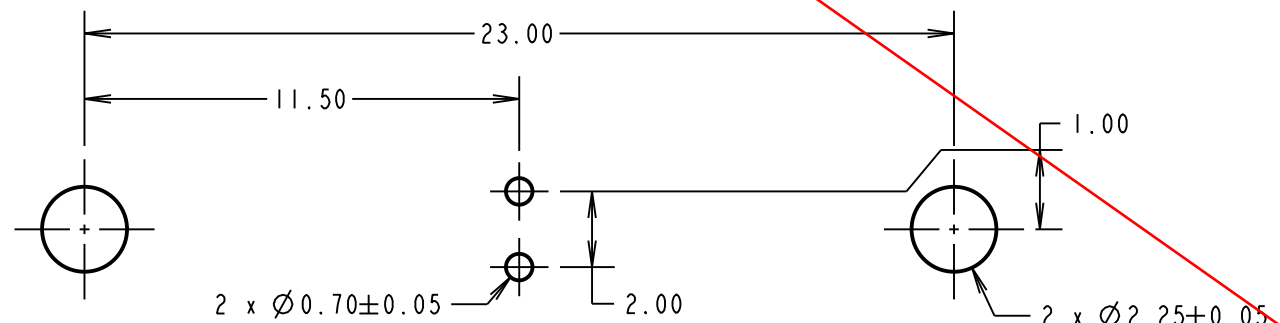
**NOTES:**  
 1. CONNECTORS ARE SUPPLIED WITH  
 NUTS LOOSE.



**OBSOLETE**



COMPLETE ASSEMBLY SHOWN  
 FOR ILLUSTRATION ONLY



RECOMMENDED PCB LAYOUT

FM	2	11.09.17	13269
NAME	ISS.	DATE	C/NOTE
APPROVED:			
CHECKED:			
DRAWN: B. M. KENT			
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 HORIZONTAL  
 PC TAIL MALE ASSEMBLY  
**DRAWING NUMBER:**  
 M80-5T202M3-22-000  
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