

# Customer Information Sheet

DRAWING No.: M80-4C100F2-50-327

SHEET 2 OF 2

IF IN DOUBT - ASK

©

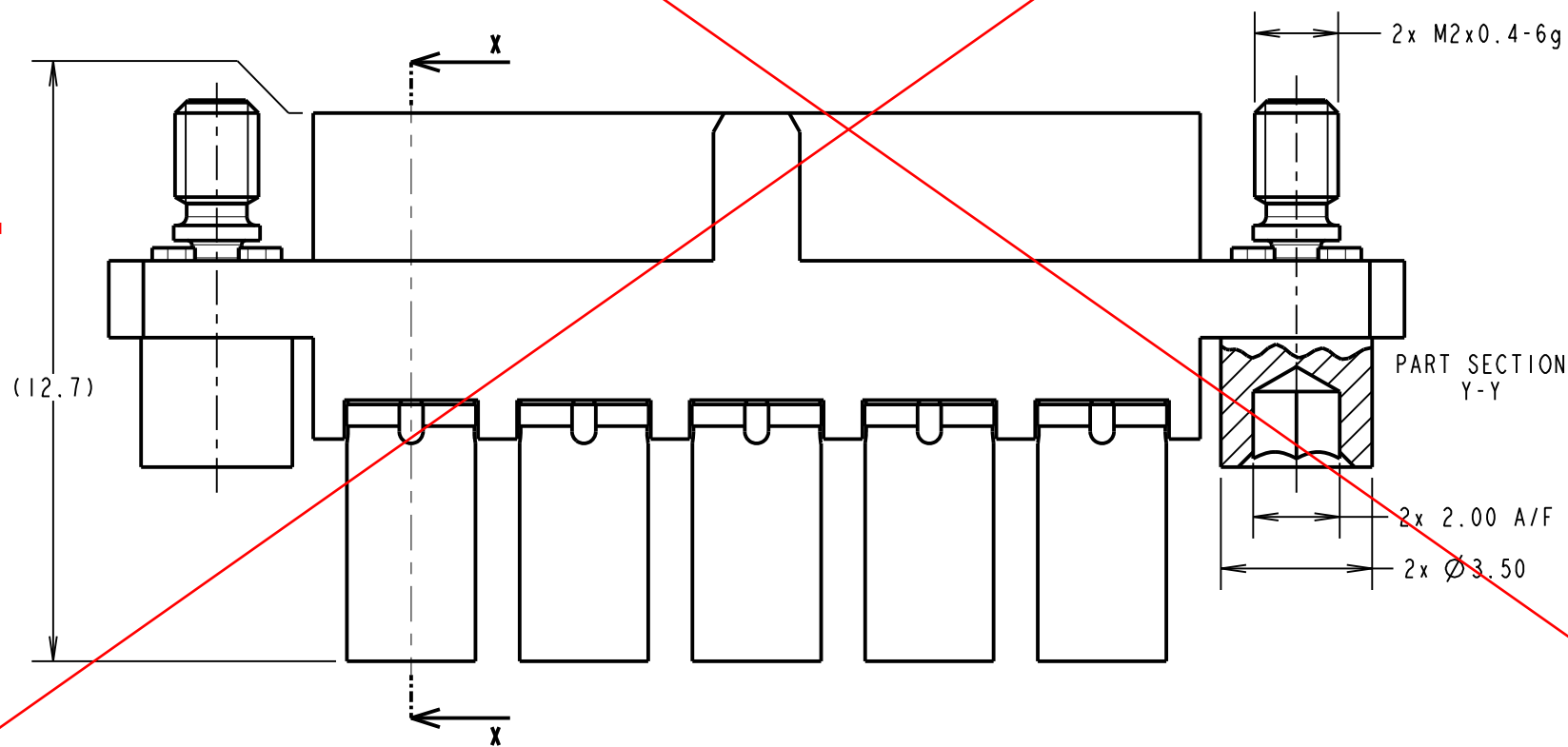
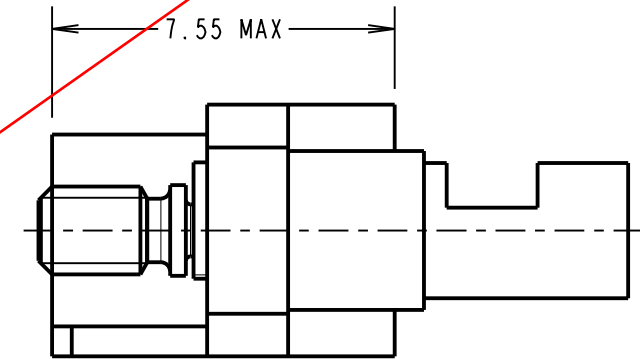
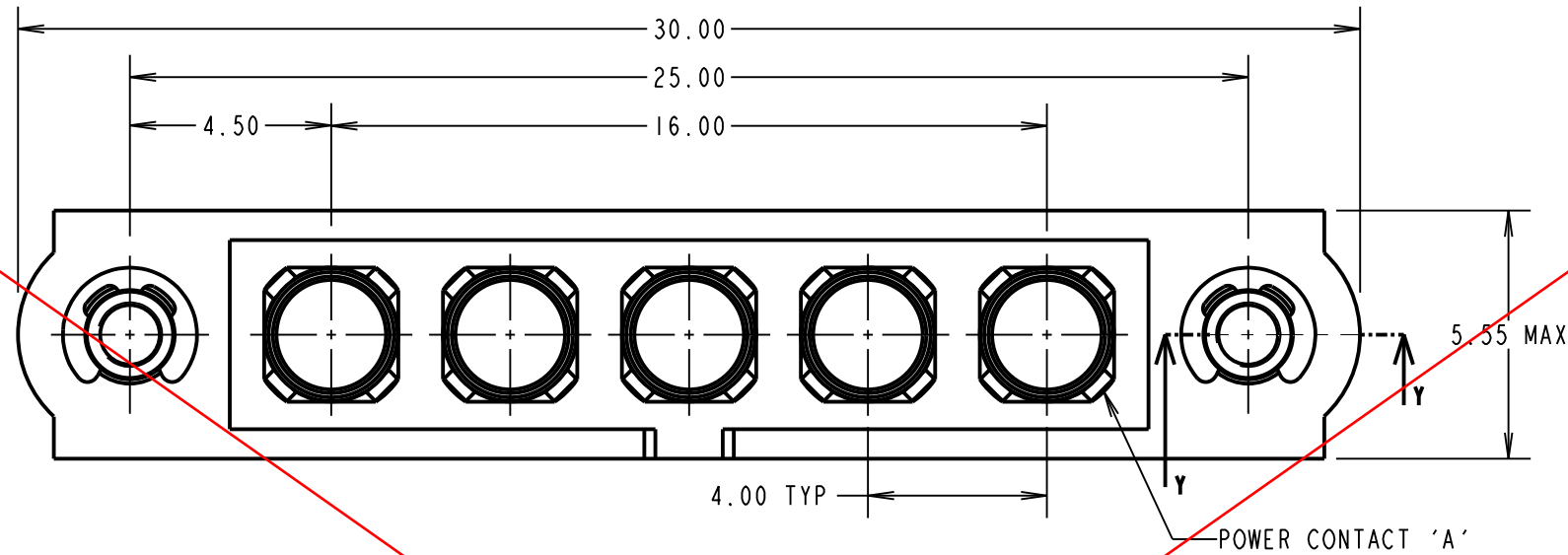
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

## SPECIFICATIONS:

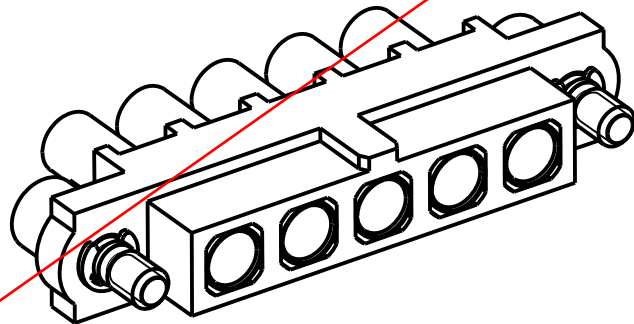
**MATERIAL:**  
 MOULDING: GLASS FILLED PPS, UL94V-0, BLACK  
**POWER CONTACT:**  
 BODY = COPPER ALLOY  
 LATCHING COLLAR = BERYLLIUM COPPER  
 JACKSCREW, CIRCLIP: STAINLESS STEEL  
**FINISH:**  
 POWER CONTACT:  
 BODY = GOLD  
 LATCHING COLLAR = NICKEL  
**ELECTRICAL:**  
 WORKING VOLTAGE = 120V AC/DC  
 VOLTAGE PROOF = 360V AC/DC  
 INSULATION RESISTANCE = 100MΩ MIN  
 POWER CONTACT:  
 CONTACT RESISTANCE = 6 mΩ MAX  
 CURRENT RATING = 10A MAX WITH 16AWG  
 CONTACT AS SPECIFIED  
**MECHANICAL:**  
 DURABILITY = 500 OPERATIONS  
 POWER CONTACT:  
 INSERTION FORCE = 5N MAX  
 WITHDRAWAL FORCE = 0.5N MIN  
**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -55°C TO +125°C  
**PACKING:**  
 BAG  
 FOR COMPLETE SPECIFICATION SEE COMPONENT  
 SPECIFICATION C005XX (LATEST ISSUE)



SECTION X-X

PART SECTION Y-Y

**OBSOLETE**



### NOTES:

- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
- FOR EXTRA POWER CONTACTS, USE PART NUMBER M80-327
- POWER CONTACT WIRE, STRIP BY 5.00mm MINIMUM
- POWER CONTACT EXTRACTION TOOL = Z80-290
- INSTRUCTION SHEETS ARE AVAILABLE.

SM	1	25.08.10	10806
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
DRAWN: J.M. BROOKES			
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 VERTICAL  
 CRIMP FEMALE ASSEMBLY  
**DRAWING NUMBER:**  
 M80-4C100F2-50-327  
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