

# Customer Information Sheet

DRAWING No.: M80-5L20222M5-00-000-08-334

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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  
 BOARD-MOUNT JACKSCREW, SCREW: STAINLESS STEEL

**FINISH:**  
 SIGNAL CONTACT:  
 0.75µ GOLD ON CONTACT AREA,  
 3µ 90/10 TIN/LEAD 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

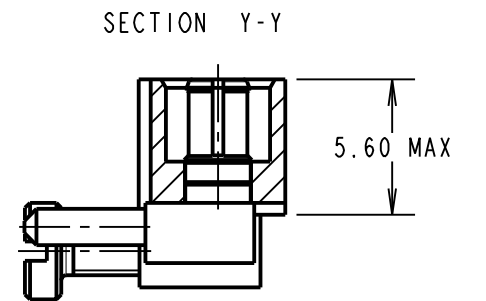
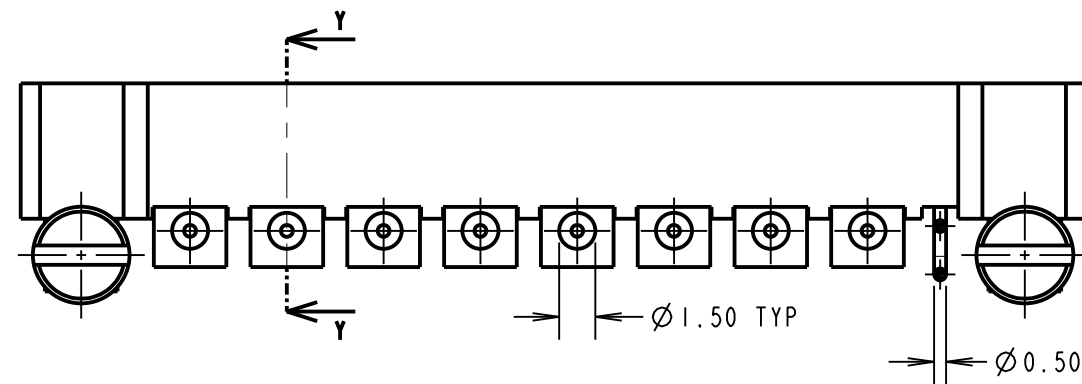
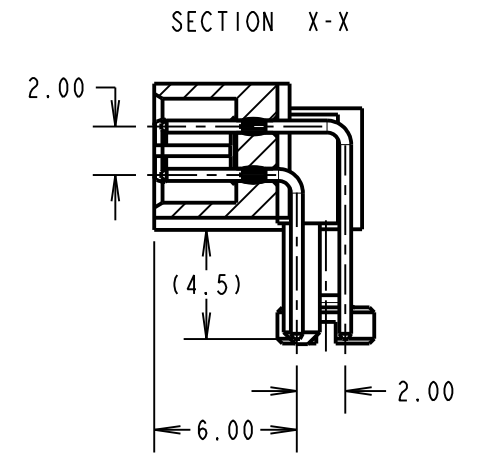
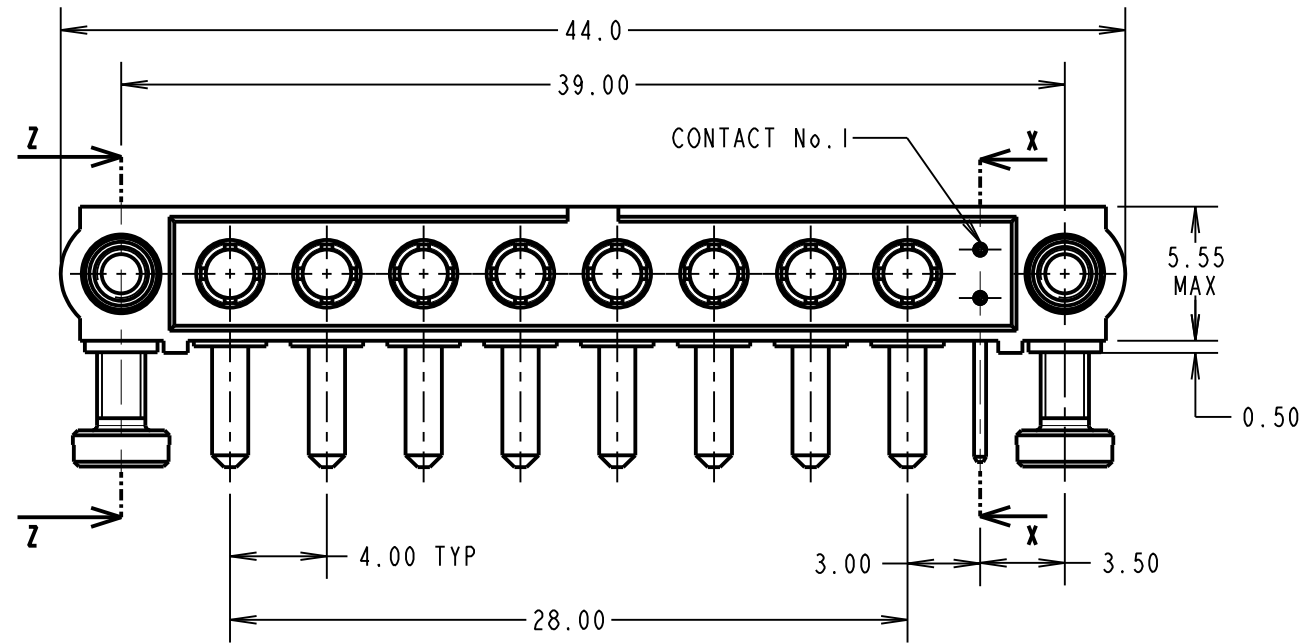
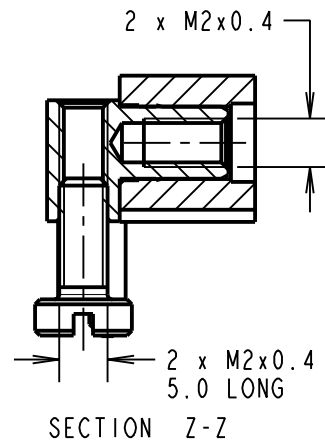
**POWER CONTACT:**  
 INSERTION FORCE = 8N MAX  
 WITHDRAWAL FORCE = 0.5N MIN

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

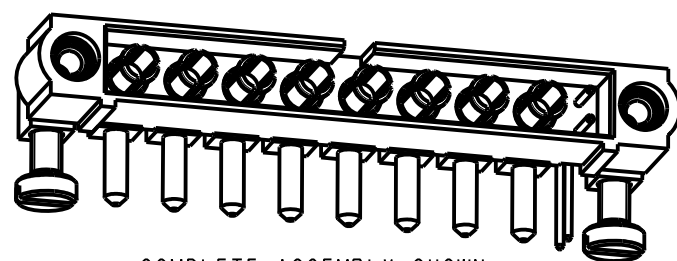
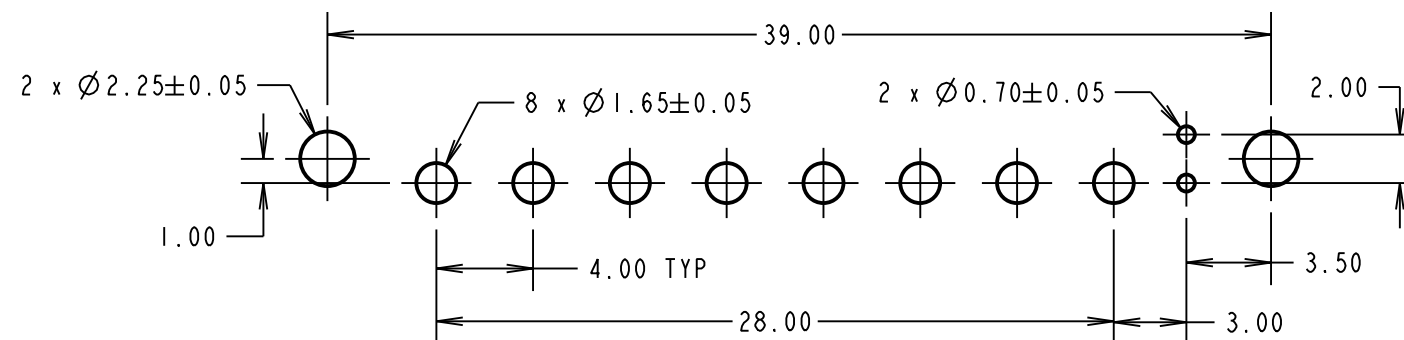
**PACKING:**  
 TUBE

FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

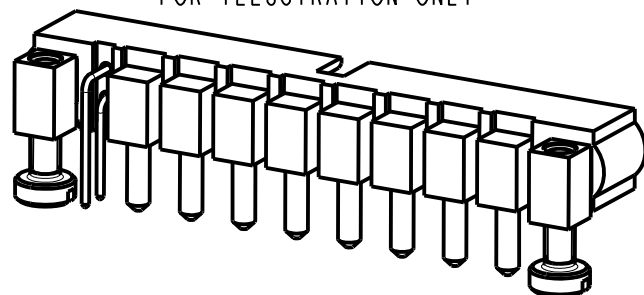
NOTES:  
 1. CONNECTORS ARE SUPPLIED WITH SCREWS LOOSE.



## RECOMMENDED PCB LAYOUT



COMPLETE ASSEMBLY SHOWN FOR ILLUSTRATION ONLY



LS	2	30.10.17	13269
NAME	ISS.	DATE	C/NOTE
APPROVED: LS			
CHECKED: SB			
DRAWN: M. G. PLESTED			
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 PC TAIL MALE ASSEMBLY

**DRAWING NUMBER:**

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