

# Customer Information Sheet

DRAWING No.: M80-5L104M5-02-333

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

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:  
75 $\mu$  GOLD ON CONTACT AREA,  
3 $\mu$  100% TIN OVER NICKEL ON TAILS  
POWER CONTACT: GOLD

ELECTRICAL:  
WORKING VOLTAGE = 120V AC/DC  
VOLTAGE PROOF = 360V AC/DC  
INSULATION RESISTANCE = 100M $\Omega$  MIN

SIGNAL CONTACT:  
CURRENT RATING AT 25°C = 3.0A MAX  
CURRENT RATING AT 85°C = 2.2A MAX  
CONTACT RESISTANCE = 25 m $\Omega$  MAX

POWER CONTACT:  
CONTACT RESISTANCE 6 m $\Omega$  MAX  
CURRENT RATING = 20A MAX

MECHANICAL:  
DURABILITY = 500 OPERATIONS

SIGNAL CONTACT:  
INSERTION FORCE = 2.8N MAX  
WITHDRAWAL FORCE = 0.2N MIN

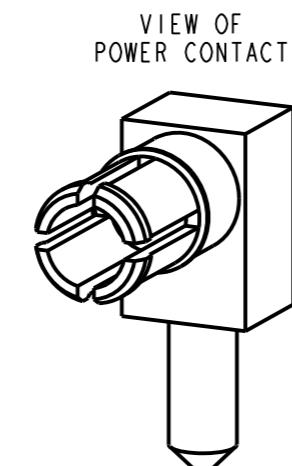
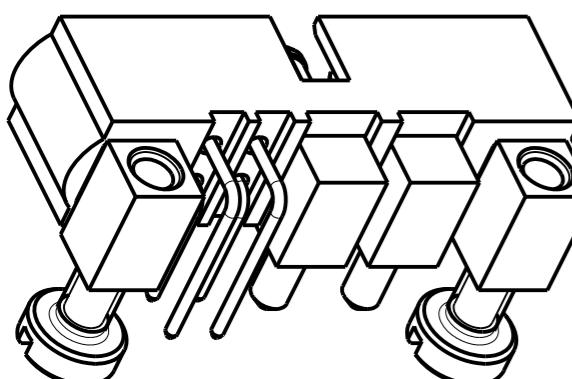
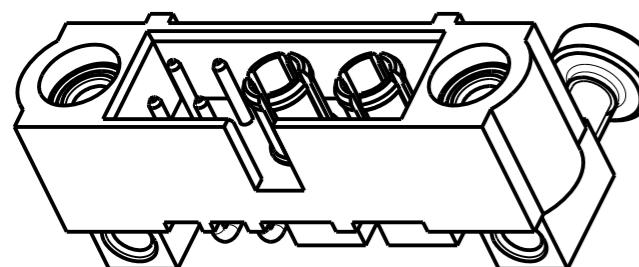
POWER CONTACT:  
INSERTION FORCE = 5N MAX  
WITHDRAWAL FORCE = 0.5N MIN

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

PACKING:

TUBE

FOR COMPLETE SPECIFICATION SEE COMPONENT  
SPECIFICATION C005XX (LATEST ISSUE)



VIEW OF  
POWER CONTACT

**HARWIN**

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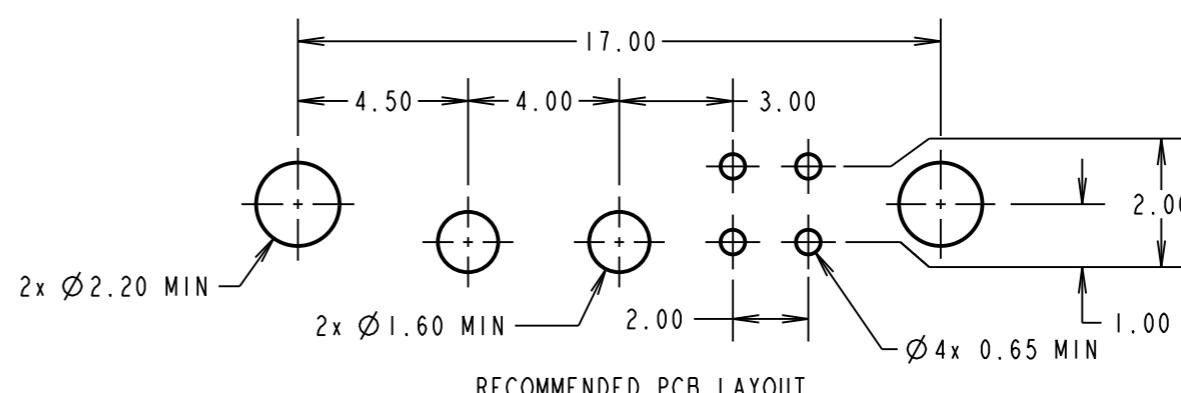
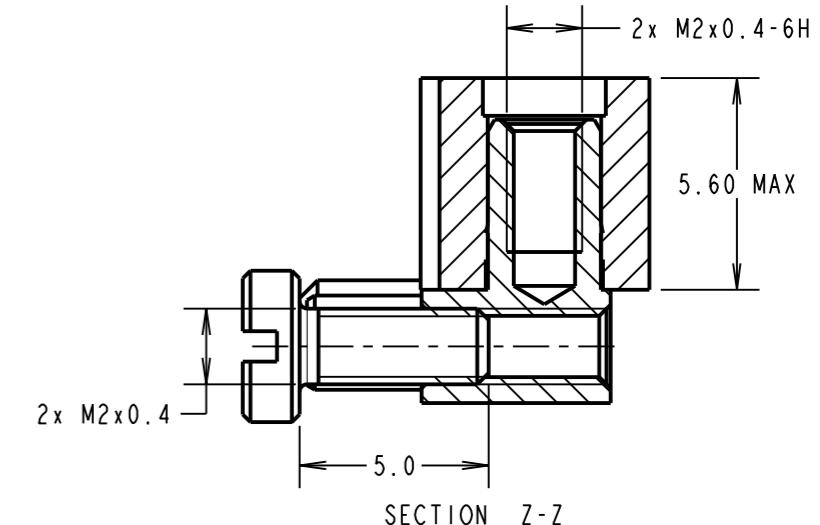
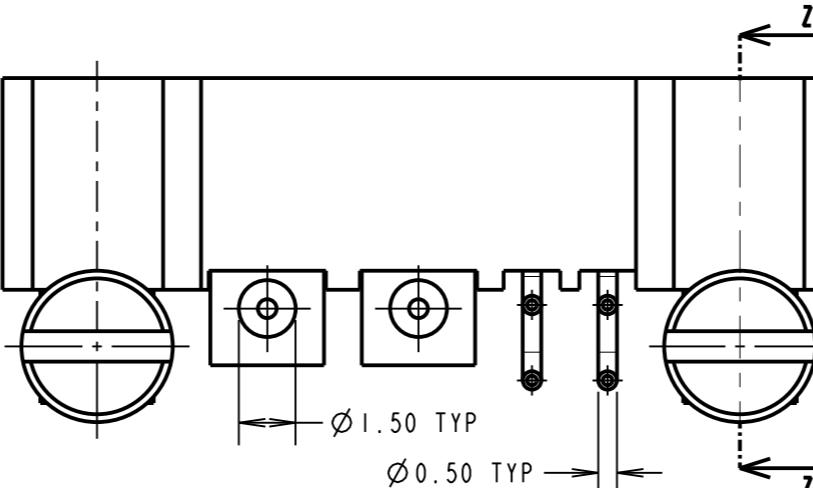
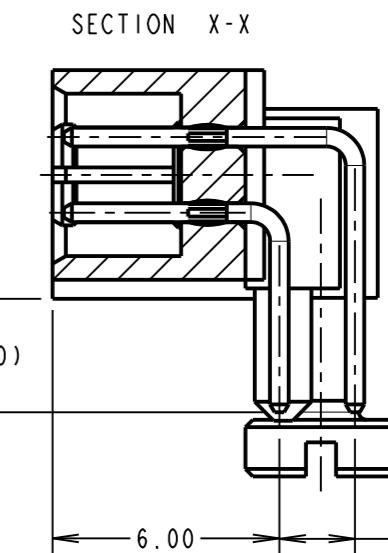
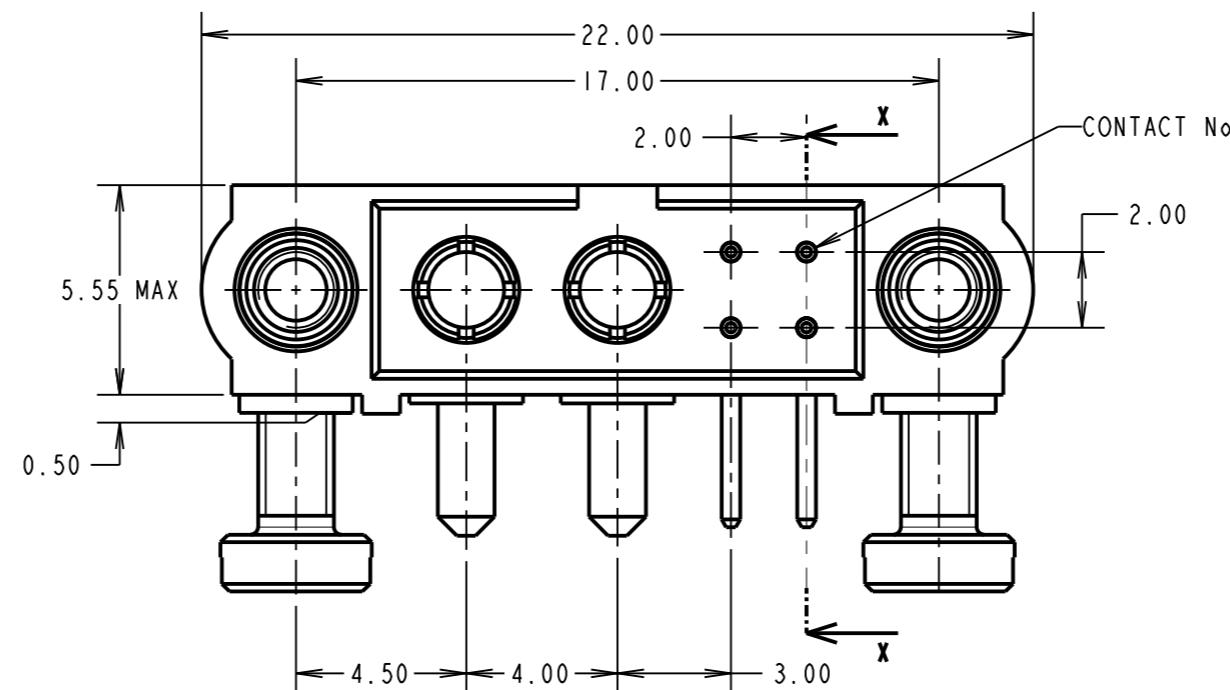
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TOLERANCES  
X. =  $\pm 1$ mm  
X.X =  $\pm 0.25$ mm  
X.XX =  $\pm 0.10$ mm  
X.XXX =  $\pm 0.01$ mm  
ANGLES =  $\pm 5^\circ$   
UNLESS STATED

MATERIAL:  
SEE ABOVE  
FINISH: SEE ABOVE  
S/AREA: mm<sup>2</sup>

TITLE: JACKSCREW DATAMATE  
MIXED TECHNOLOGY  
PC TAIL MALE ASSEMBLY  
DRAWING NUMBER:  
M80-5L104M5-02-333  
SHT  
2 OF 2



SM	I	11.02.11	10806
NAME	ISS.	DATE	C/NOTE
APPROVED:	S. McCULLAGH		
CHECKED:	M. G. PLESTED		
DRAWN:	J. M. BROOKES		
CUSTOMER REF.:			
ASSEMBLY DRG.:			