

# Customer Information Sheet

DRAWING No.: M80-5T11222M3-00-000-04-331

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  
BOARD-MOUNT JACKSCREW, NUT: STAINLESS STEEL

FINISH:

SIGNAL CONTACT:  
75 $\mu$  GOLD ON CONTACT AREA,  
3 $\mu$  90/10 TIN/LEAD ON TAILS  
POWER CONTACT: GOLD

ELECTRICAL:

WORKING VOLTAGE = 800V AC/DC  
VOLTAGE PROOF = 1200V 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 = 25m $\Omega$  MAX

POWER CONTACT:  
CONTACT RESISTANCE  $6\text{m}\Omega$  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

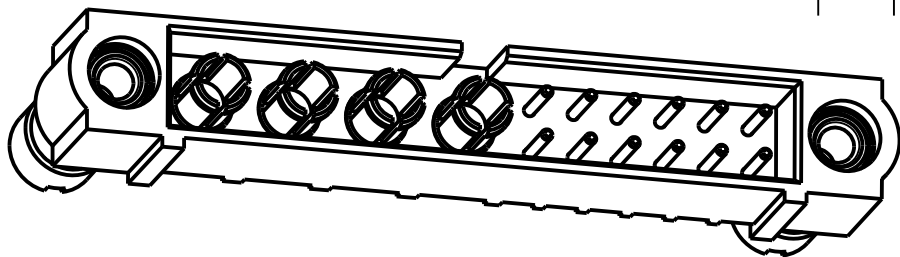
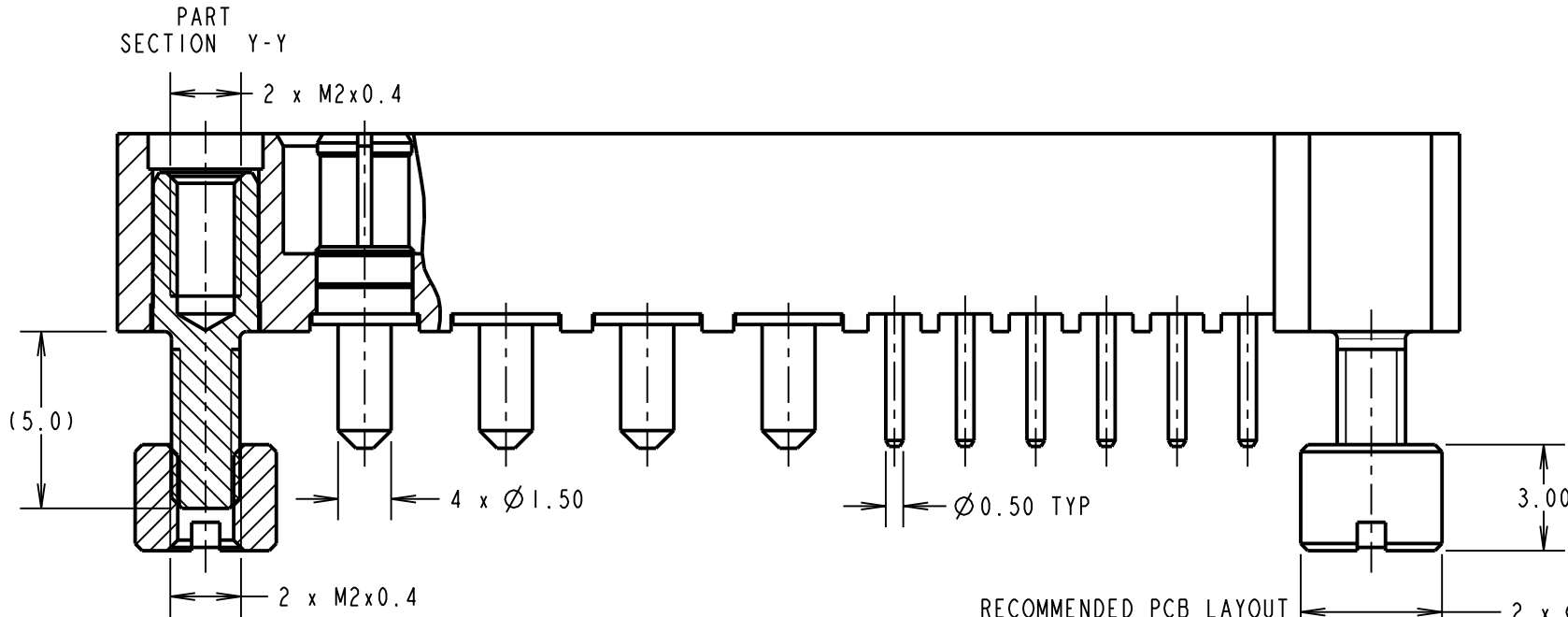
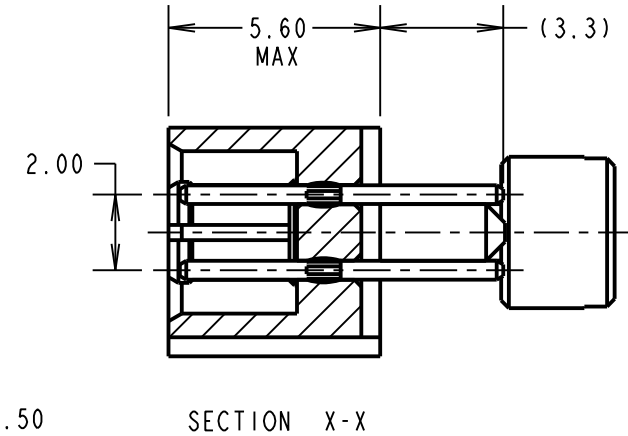
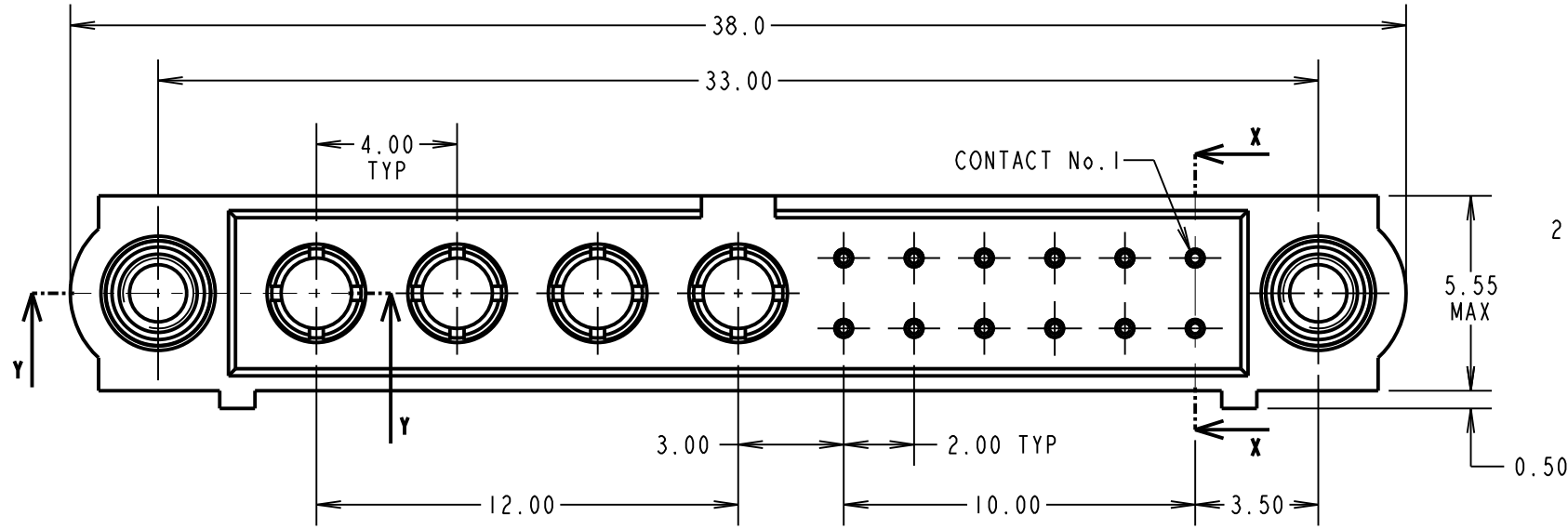
## ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

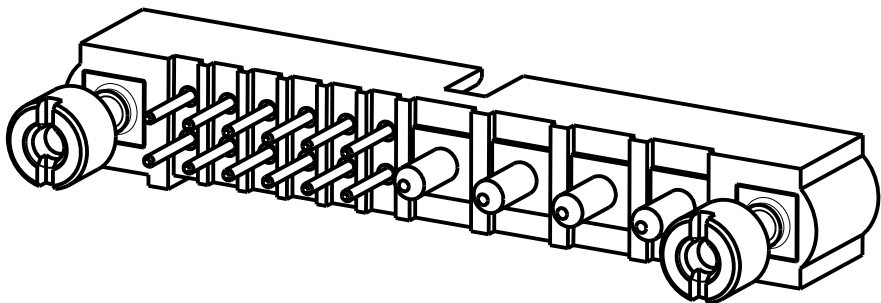
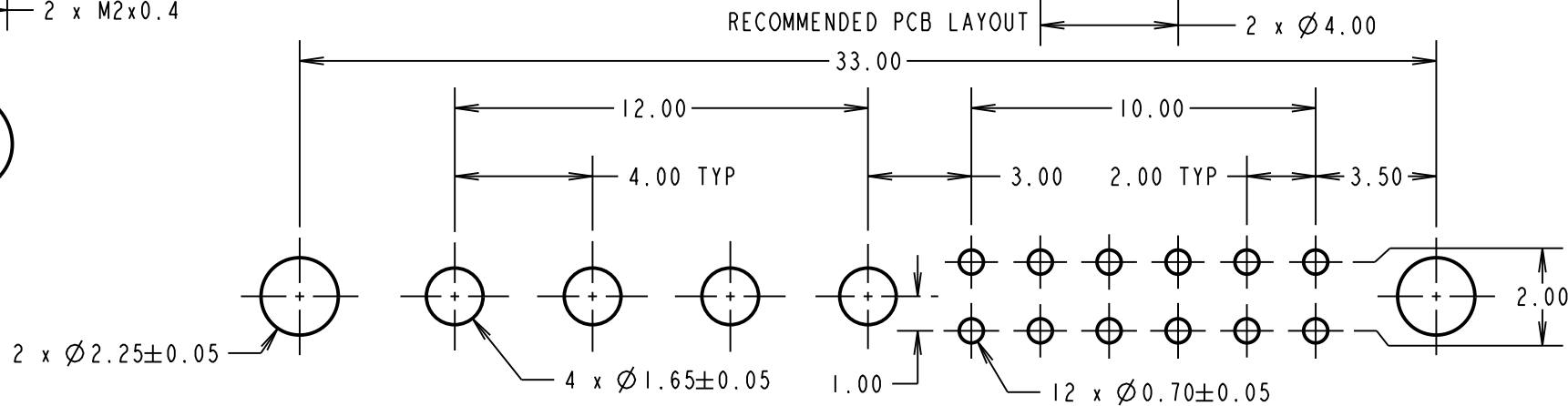
PACKING:

TUBE  
FOR COMPLETE SPECIFICATION SEE COMPONENT  
SPECIFICATION C005XX (LATEST ISSUE)

NOTE:  
1. CONNECTORS ARE SUPPLIED WITH  
NUTS LOOSE.



COMPLETE ASSEMBLY SHOWN  
FOR ILLUSTRATION ONLY



FM	2	25.09.17	13269
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DRAWN:		B. M. KENT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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## TOLERANCES

X. =  $\pm 1\text{mm}$   
X.X =  $\pm 0.50\text{mm}$   
X.XX =  $\pm 0.10\text{mm}$   
X.XXX =  $\pm 0.01\text{mm}$

ANGLES =  $\pm 5^\circ$   
UNLESS STATED

**MATERIAL:**

SEE ABOVE

<sup>n</sup> FINISH: SEE ABOVE

S/AREA: mm<sup>2</sup>

TITLE: JACKSCREW DATAMATE  
MIXED TECHNOLOGY  
PC TAIL MALE ASSEMBLY

DRAWING NUMBER:

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SHT  
OF 2

# Mouser Electronics

Authorized Distributor

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