

Customer Information Sheet

DRAWING No.: M80-5T10222M2-04-331-00-000

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
POWER CONTACT: COPPER ALLOY
JACKSCREW: STAINLESS STEEL

FINISH:

SIGNAL CONTACT:
0.75 μ GOLD ON CONTACT AREA,
0.3 μ 90/10 TIN/LEAD ON TAILS
POWER CONTACT: GOLD

ELECTRICAL:

WORKING VOLTAGE = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC
INSULATION RESISTANCE = 100M Ω MIN
SIGNAL CONTACT:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
CONTACT RESISTANCE = 25 m Ω MAX
POWER CONTACT:
CONTACT RESISTANCE 6 m Ω MAX
CURRENT RATING = 20A MAX

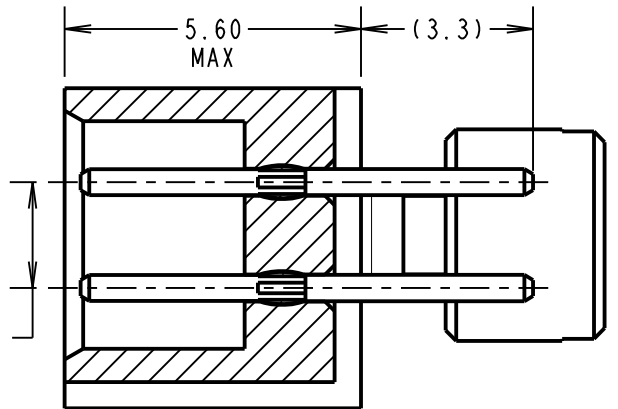
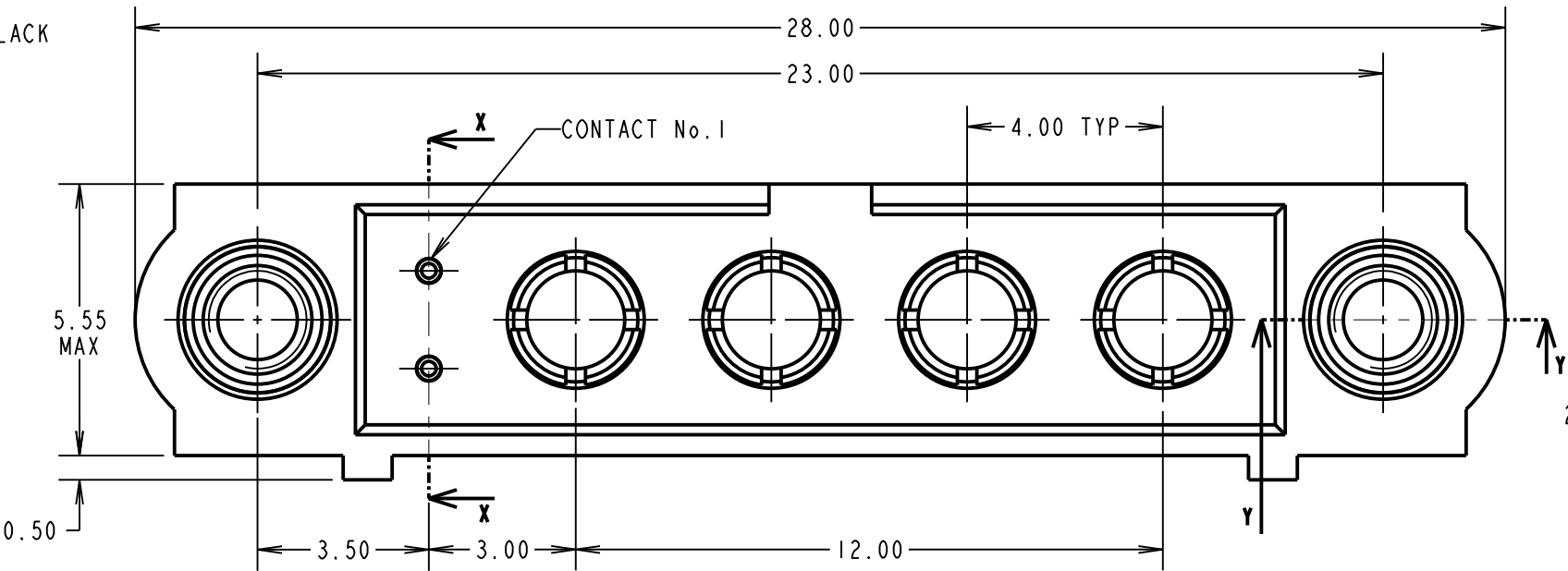
MECHANICAL:

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

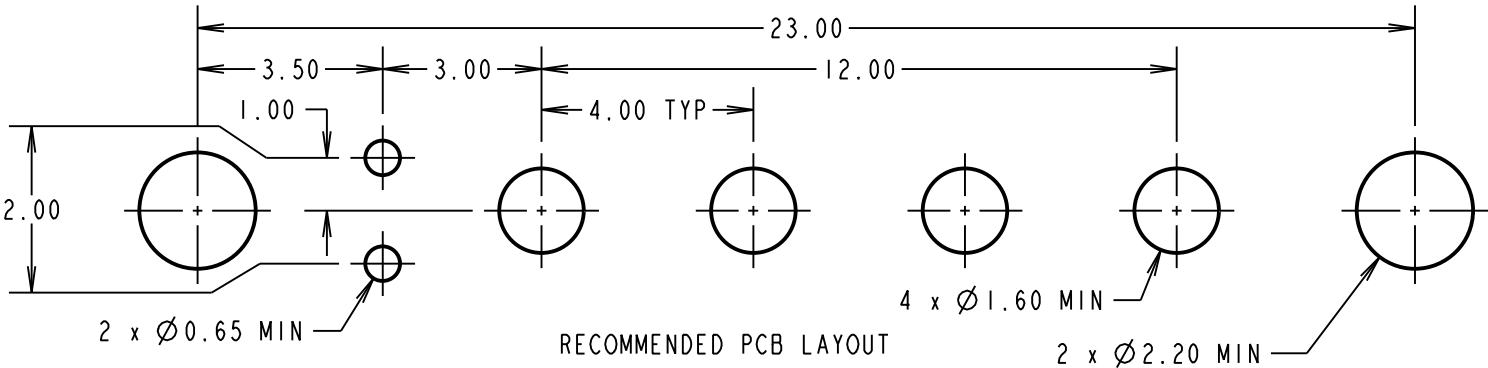
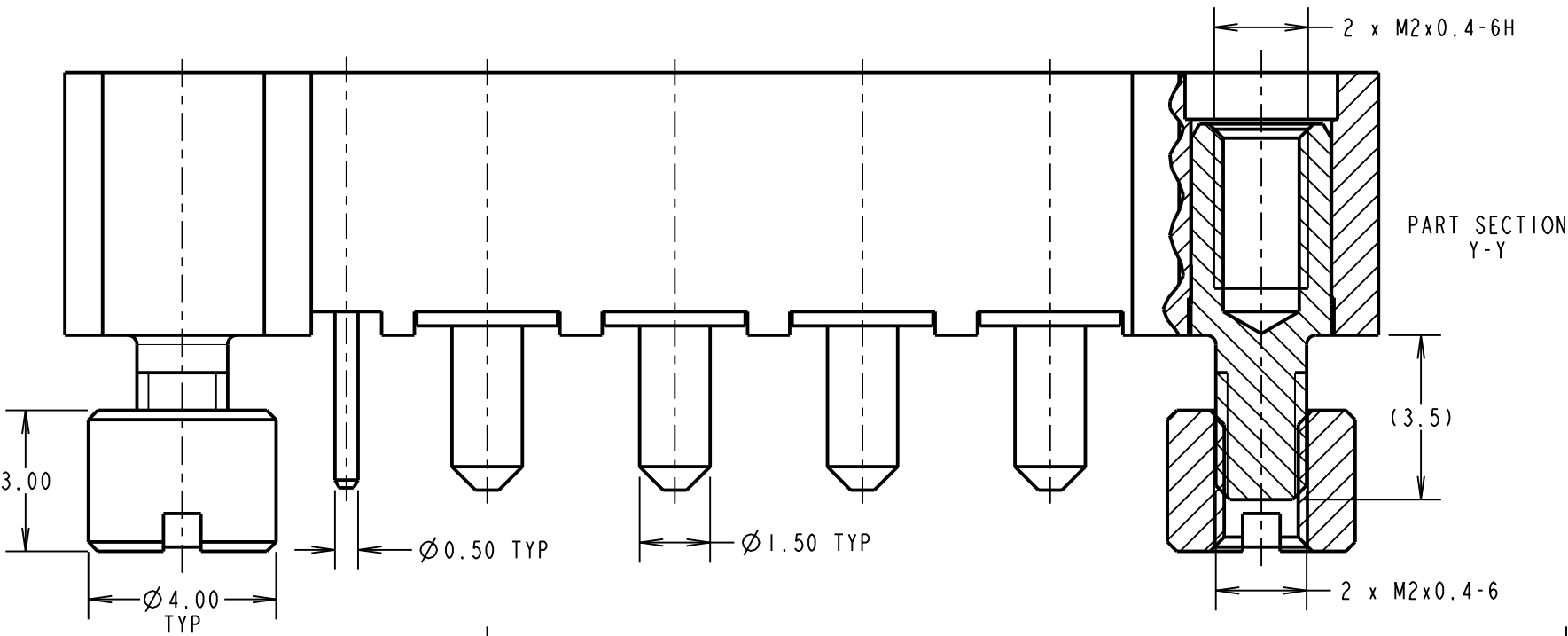
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

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



SECTION X-X



RECOMMENDED PCB LAYOUT

SM	I	14.10.10	-----
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
DRAWN: S. MCCULLAGH			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES

X. = ± 1 mm
X.X = ± 0.25 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mm

ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE: JACKSCREW DATAMATE
MIXED TECHNOLOGY
PC TAIL MALE ASSEMBLY

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