

Customer Information Sheet

DRAWING No.: M80-5T10405M2-02-331-00-000

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 AND NUT: STAINLESS STEEL

FINISH:
SIGNAL CONTACT:
0.75 μ GOLD
POWER CONTACT: GOLD

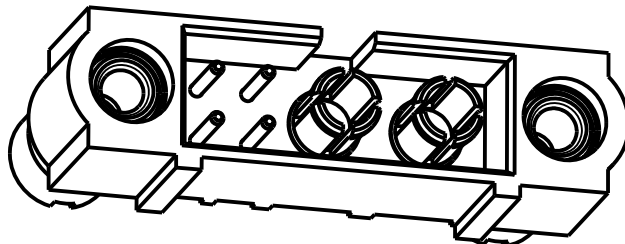
ELECTRICAL:
WORKING VOLTAGE = 800V AC/DC
VOLTAGE PROOF = 1200V AC/DC
INSULATION RESISTANCE = 100M Ω MIN
SIGNAL CONTACT:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
CONTACT RESISTANCE = 25m Ω MAX
POWER CONTACT:
CONTACT RESISTANCE 6m Ω MAX
CURRENT RATING = 20A MAX

MECHANICAL:
DURABILITY = 500 OPERATIONS
SIGNAL CONTACT:
INSERTION FORCE = 2.0N MAX
WITHDRAWAL FORCE = 0.2N MIN
POWER CONTACT:
INSERTION FORCE = 8.0N MAX
WITHDRAWAL FORCE = 0.5N MIN

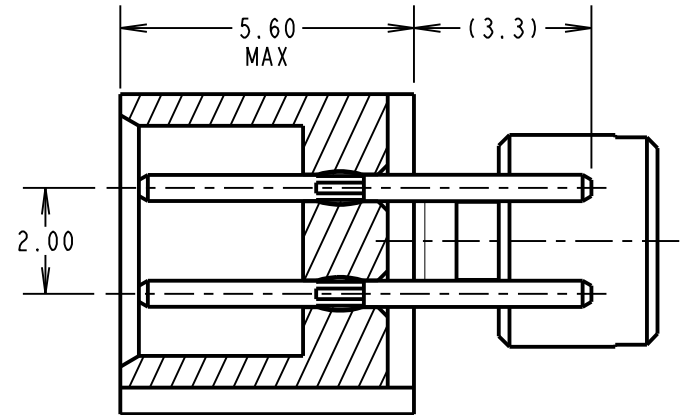
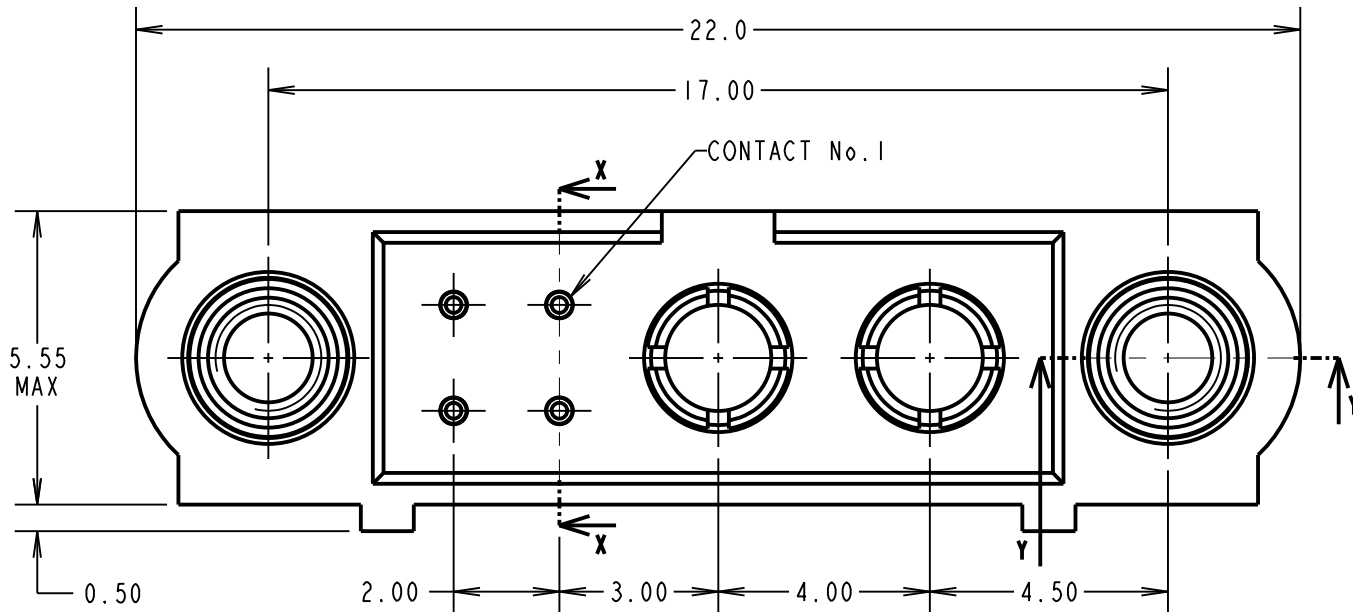
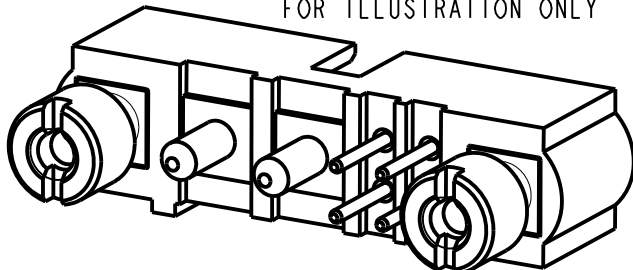
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C

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

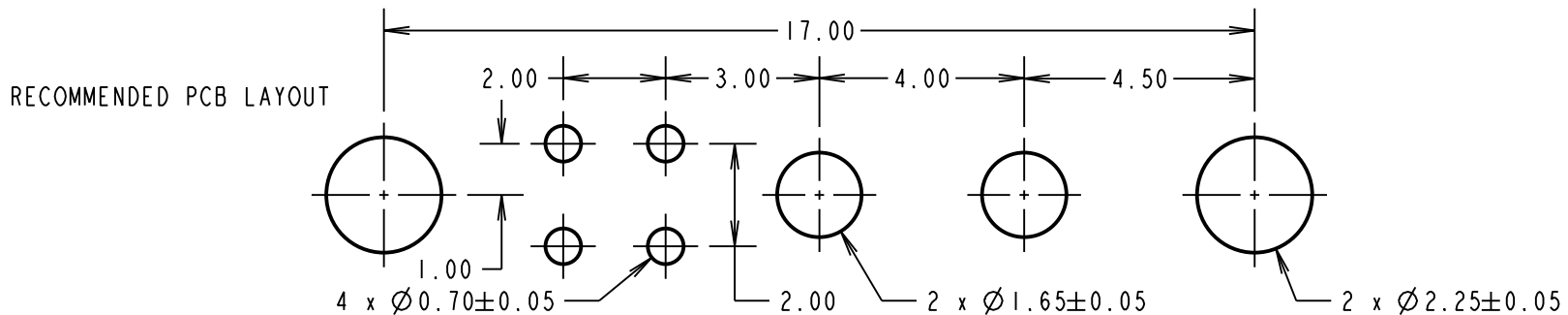
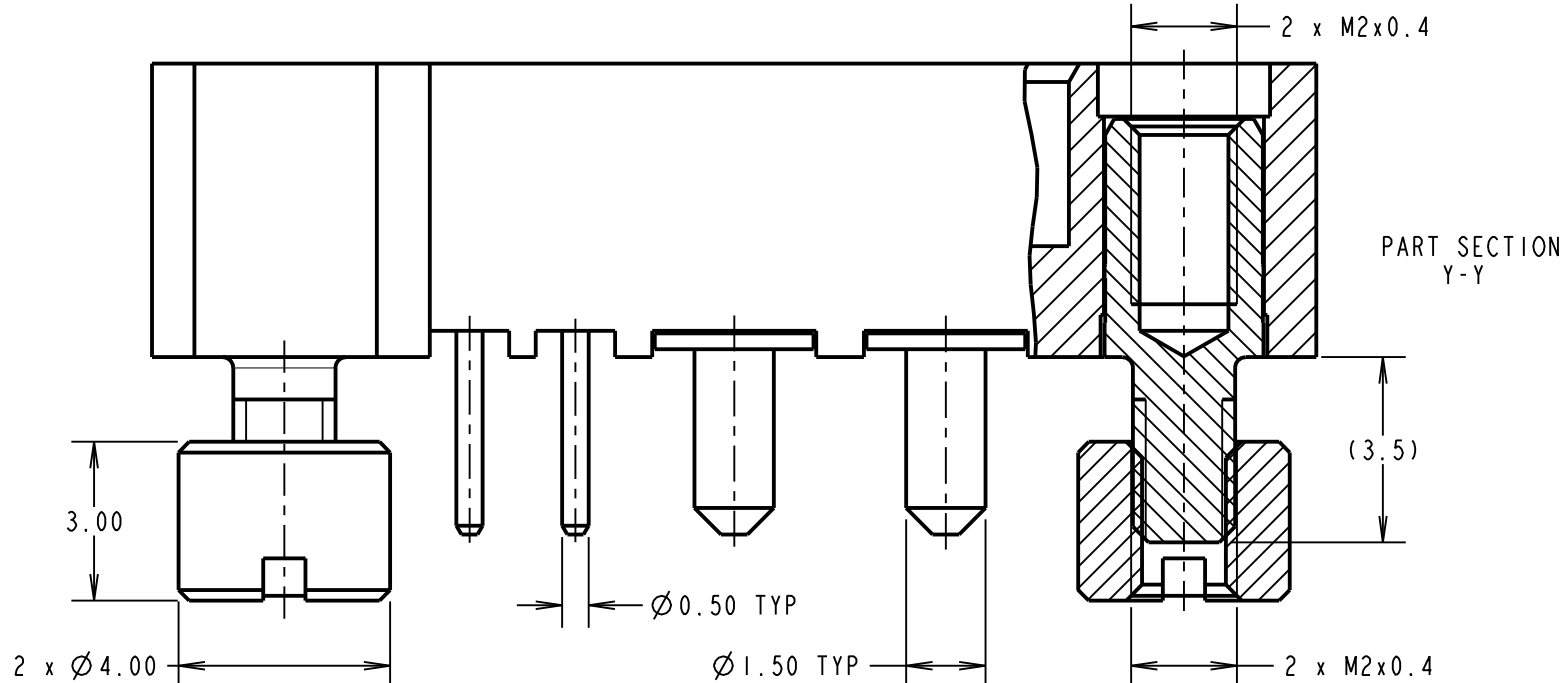
NOTE:
1. CONNECTORS ARE SUPPLIED WITH
NUTS LOOSE.



COMPLETE ASSEMBLY SHOWN
FOR ILLUSTRATION ONLY



SECTION X-X



FM	3	04.10.17	13269
NAME	ISS.	DATE	C/NOTE
APPROVED: F. MCGOWAN			
CHECKED: M. PLESTED			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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 = $+5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S / AREA:

mm²

TITLE: DATAMATE MIX-TEK
MALE ASSEMBLY WITH
BOARD MOUNT JACKSCREW

DRAWING NUMBER:

M80-5T10405M2-02-331-00-000

SHT
OF?

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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