

Customer Information Sheet

DRAWING No.: M80-5T204M3-11-332

SHEET 2 OF 2

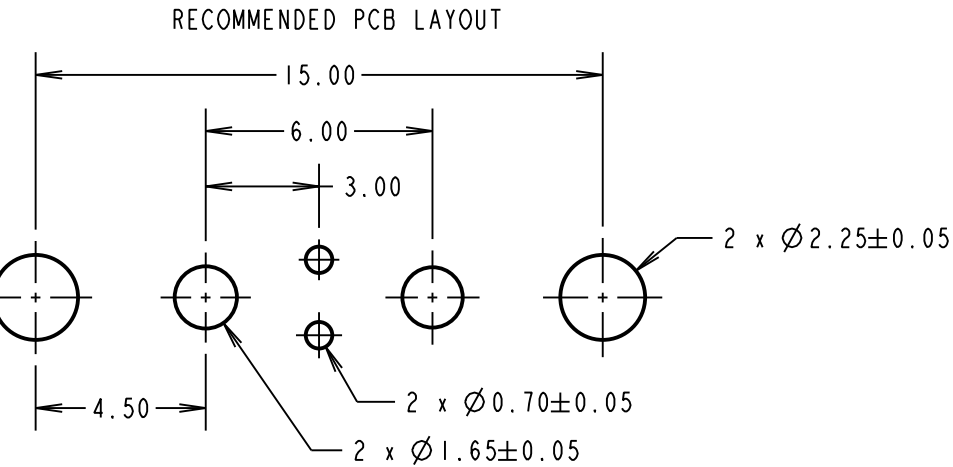
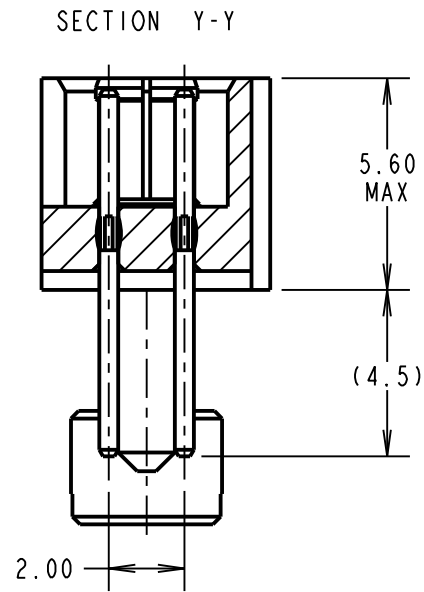
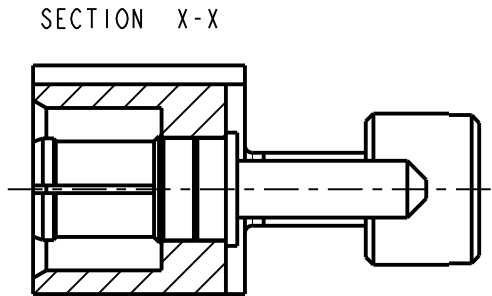
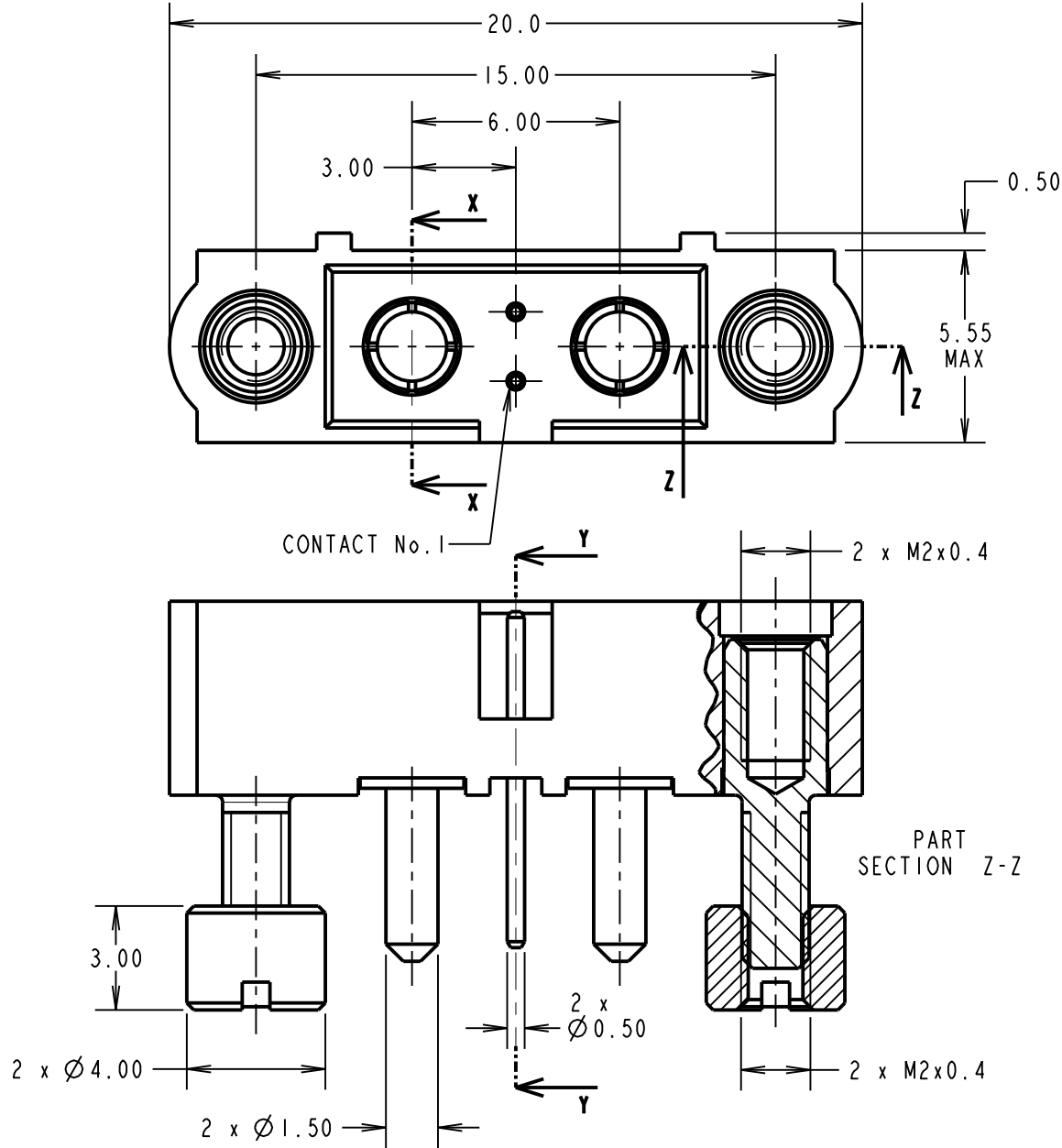
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

- MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
- SIGNAL PIN = PHOSPHOR BRONZE
- POWER CONTACT = COPPER ALLOY
- JACKSCREW = STAINLESS STEEL

FINISH:

- SIGNAL PIN = 0.75µ GOLD ON CONTACT AREA, 3µ 100% TIN OVER NICKEL ON TAILS
- POWER CONTACT = GOLD

ELECTRICAL:

SIGNAL CONTACT:

- CURRENT RATING AT 25°C = 3.0A MAX
- CURRENT RATING AT 85°C = 2.2A MAX
- CONTACT RESISTANCE = 25mΩ MAX

POWER CONTACT:

- CURRENT RATING = 20A MAX
- CONTACT RESISTANCE = 6mΩ MAX

WORKING VOLTAGE = 800V AC/DC

VOLTAGE PROOF = 1200V AC/DC

INSULATION RESISTANCE = 100MΩ MIN

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

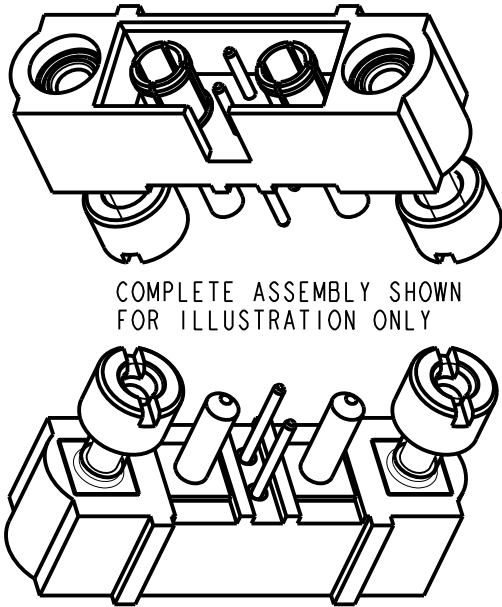
PACKING:

- TUBE

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

NOTES:

1. CONNECTORS ARE SUPPLIED WITH NUTS LOOSE.



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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: mm²

TITLE: JACKSCREW DATAMATE MIXED TECHNOLOGY VERT PC TAIL MALE ASSEMBLY (BOARD MOUNT)

DRAWING NUMBER: M80-5T202M3-11-332

SHT 2 OF 2

LS	2	24.10.17	13269
NAME	ISS.	DATE	C/NOTE
APPROVED: LS			
CHECKED: SB			
DRAWN: B. M. KENT			
CUSTOMER REF.:			
ASSEMBLY DRG:			