

Customer Information Sheet

DRAWING No.: M80-5T10605MI-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:
0.75µ GOLD
POWER CONTACT: GOLD

ELECTRICAL:

WORKING VOLTAGE = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC
INSULATION RESISTANCE = 100MΩ MIN
SIGNAL CONTACT:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
CONTACT RESISTANCE = 25 mΩ MAX

POWER CONTACT:
CONTACT RESISTANCE 6 mΩ 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

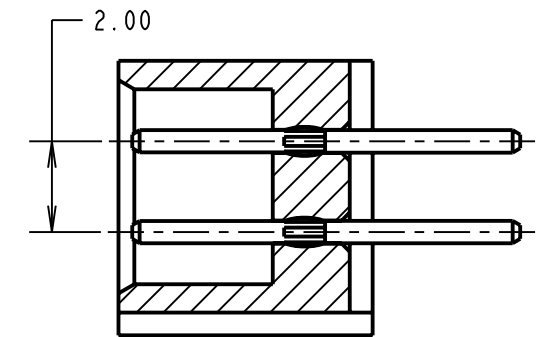
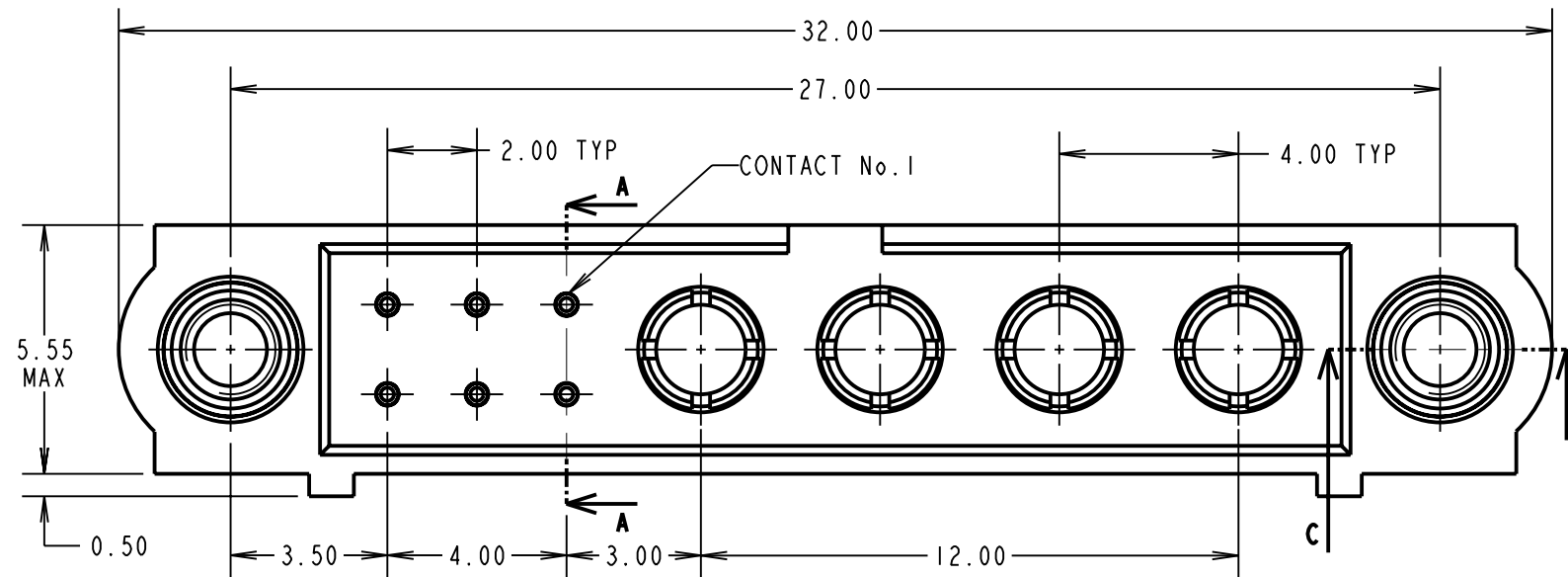
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C to +125°C

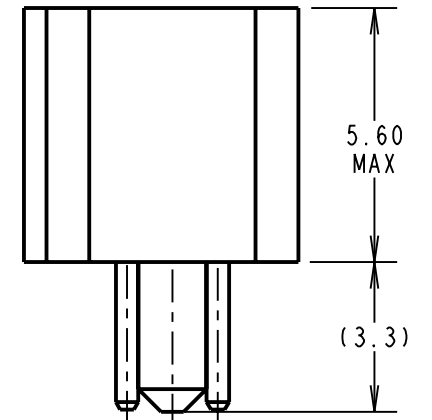
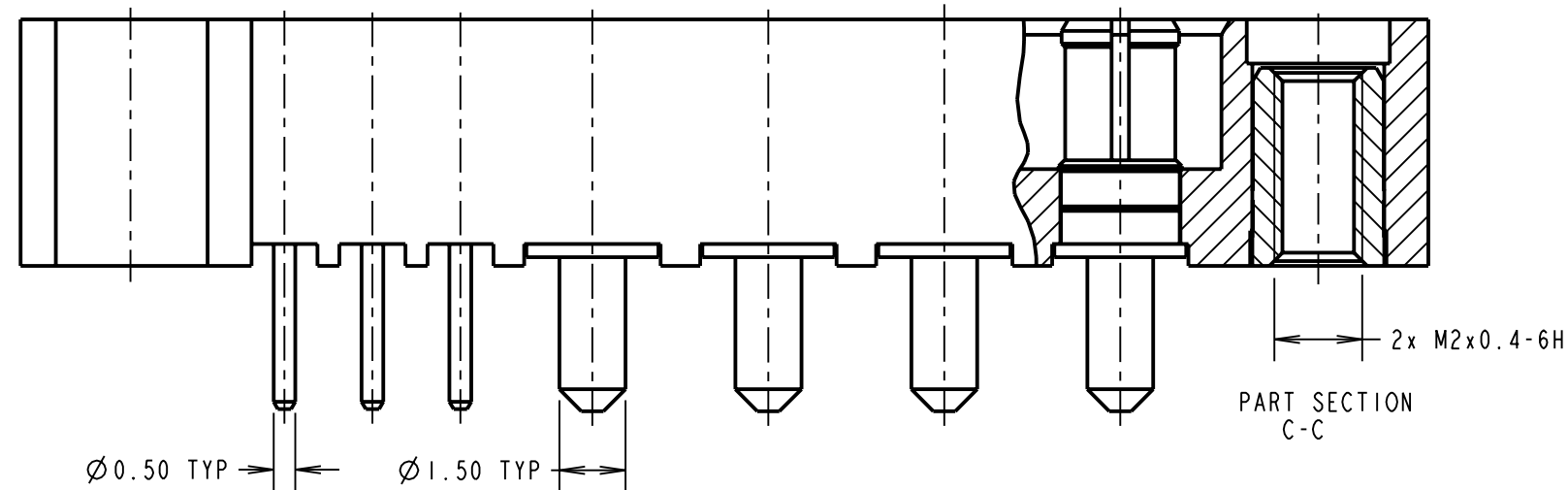
PACKING:

TUBE

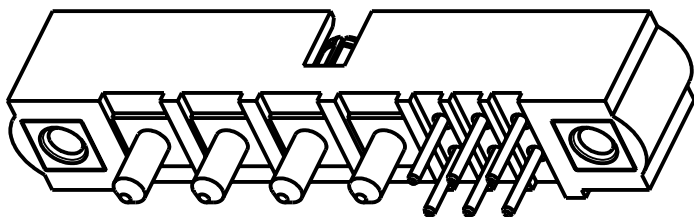
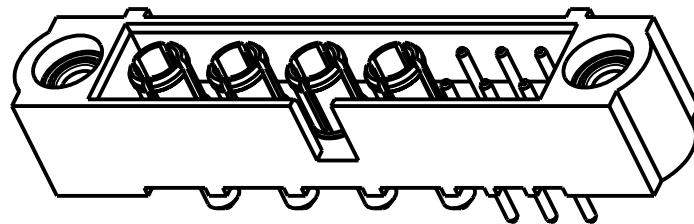
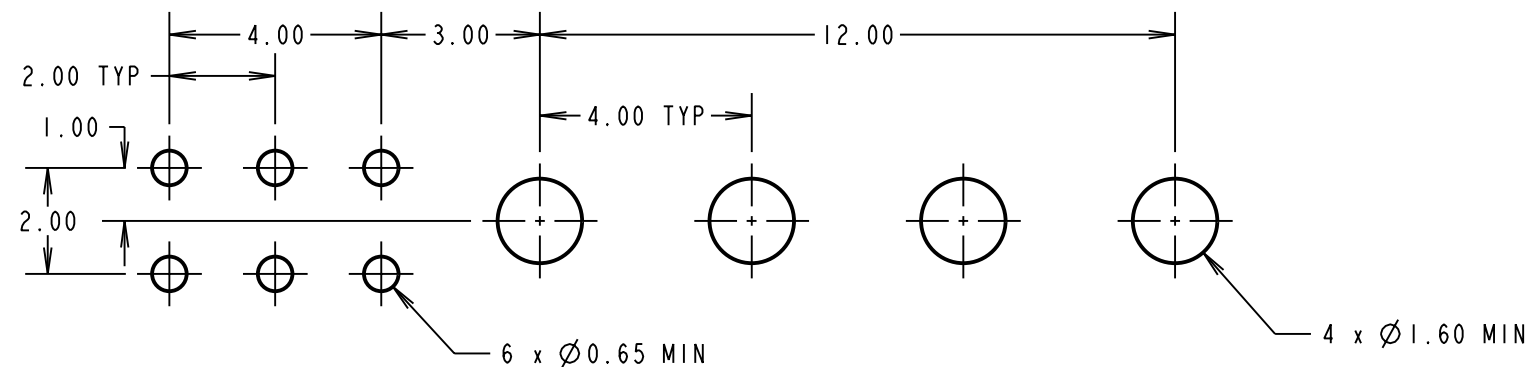
FOR COMPLETE SPECIFICATION SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)



SECTION A-A



RECOMMENDED PCB LAYOUT



RA	A	09.04.09	----
NAME	ISS.	DATE	C/NOTE
APPROVED:		R. ADDE	
CHECKED:		M. G. PLESTED	
DRAWN:		R. ADDE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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DISCLOSED, LOANED, COPIED
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OTHER PURPOSE WITHOUT
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TOLERANCES
X. = ±1mm
X.X = ±0.25mm
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
PC TAIL MALE ASSEMBLY

DRAWING NUMBER:

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SHT
2 OF 2