

Customer Information Sheet

DRAWING No.: M80-5T11042M3-03-331-00-000

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

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: BRASS
BOARD-MOUNT JACKSCREW, NUT: STAINLESS STEEL

FINISH:

SIGNAL CONTACT:
75 μ GOLD ON CONTACT AREA,
3 μ 100% TIN 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

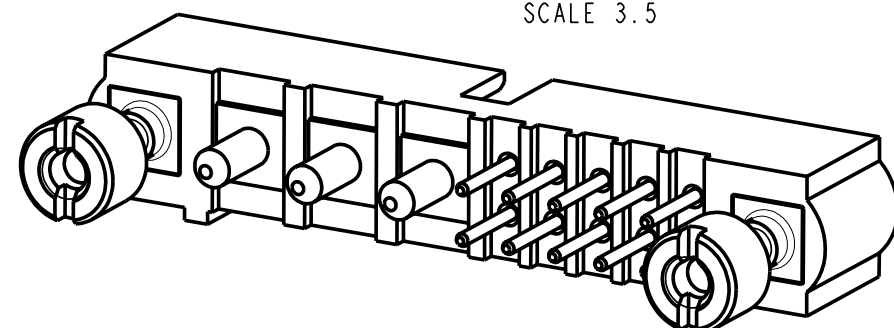
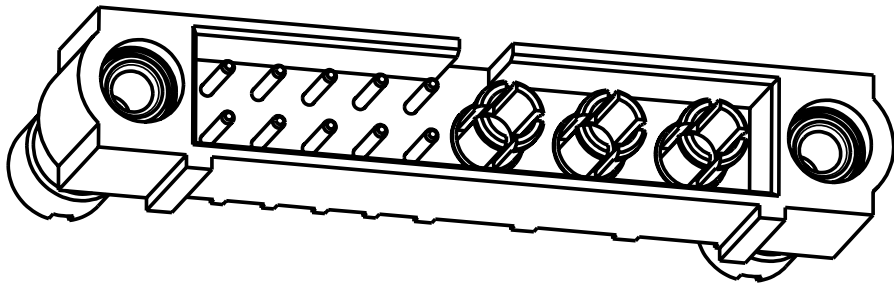
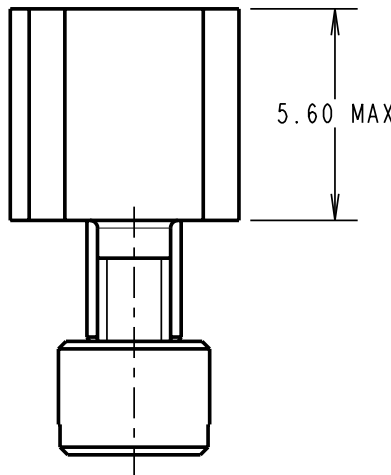
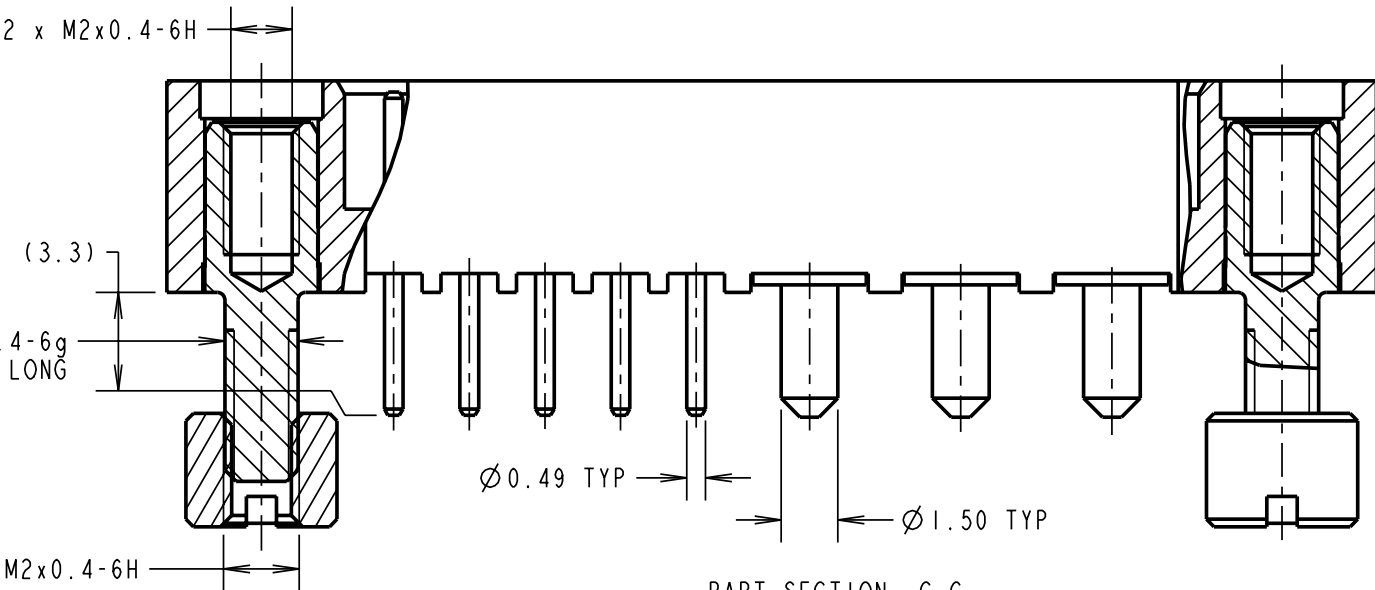
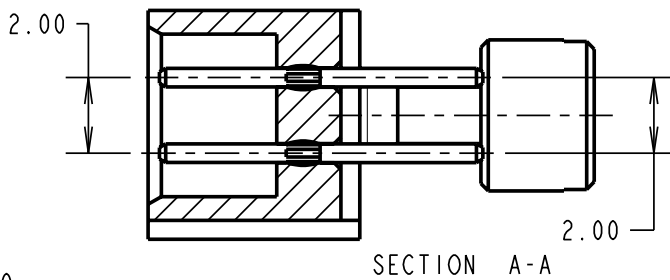
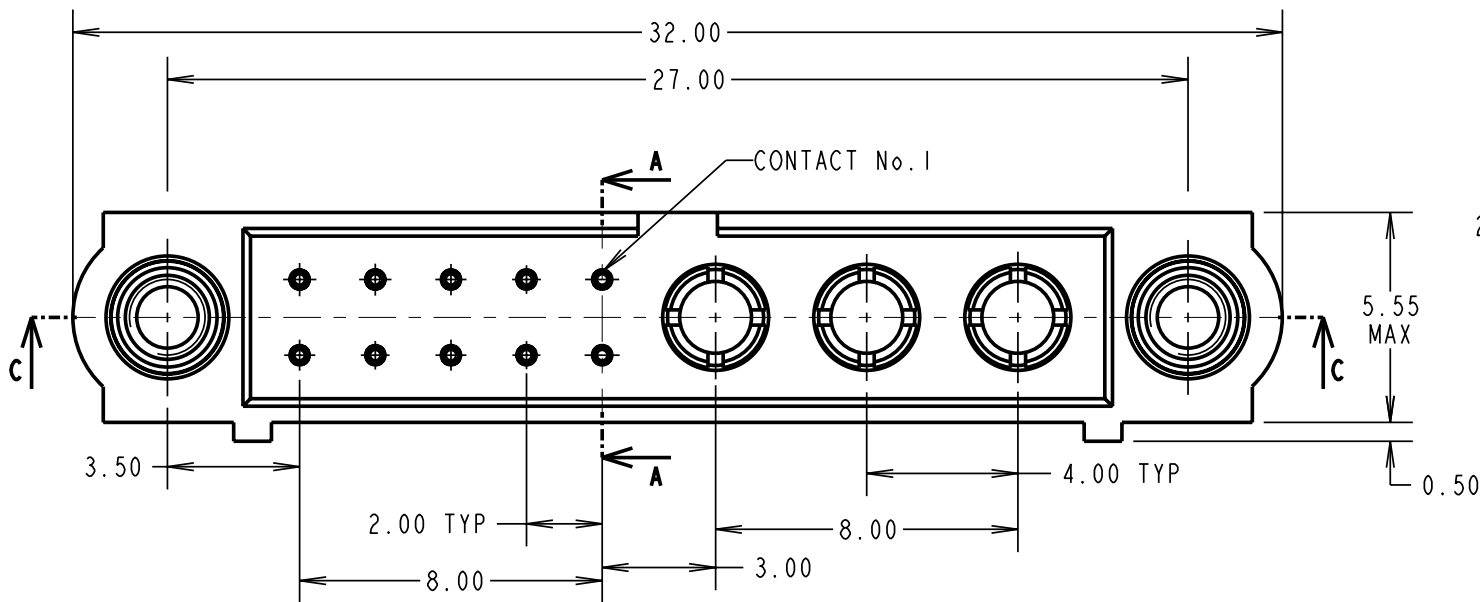
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C to +125°C

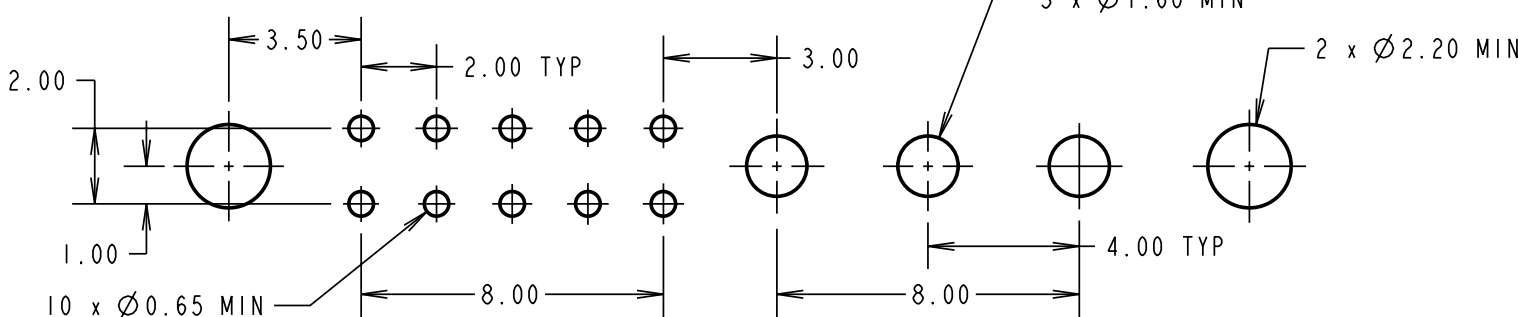
PACKING:

TRAY

FOR COMPLETE SPECIFICATION SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)



RECOMMENDED PCB LAYOUT



RA	C	23.04.07	9738
NAME	ISS.	DATE	C/NOTE
APPROVED: R.ADDE			
CHECKED: M.G.PLESTED			
DRAWN: N.J.B.CODLING			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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 VERTICAL
PC TAIL MALE ASSEMBLY

DRAWING NUMBER:
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SHT
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