

Customer Information Sheet

DRAWING No.: M80-4T21805FB-02-322-00-000

SHEET 2 OF 2

IF IN DOUBT - ASK

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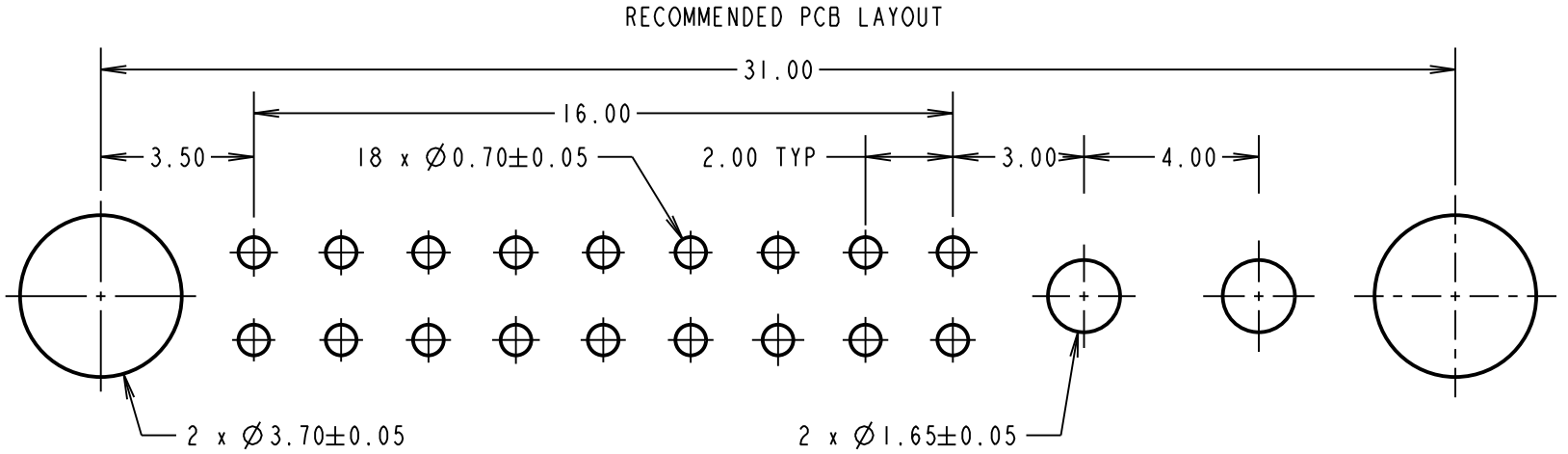
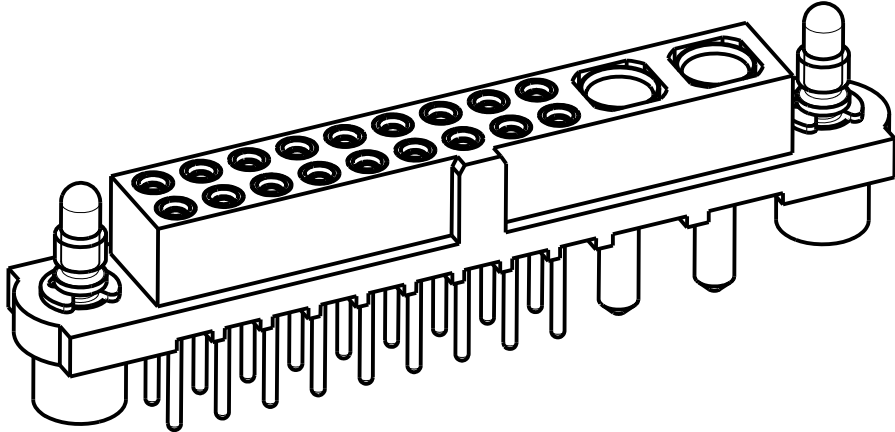
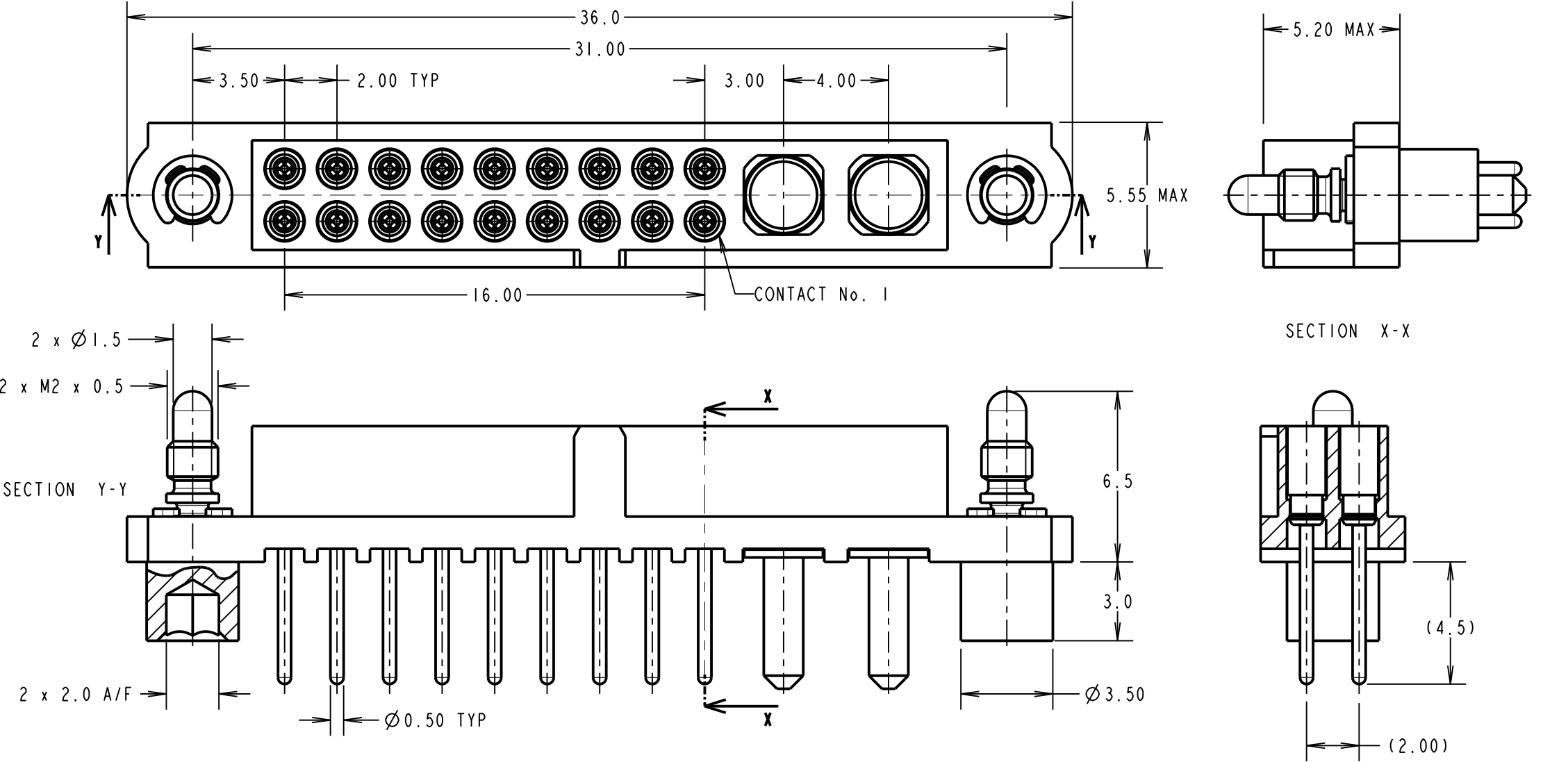
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:
MOULDING = GLASS FILLED PPS, UL94V-0, BLACK
SIGNAL CONTACT:
CLIP = BERYLIUM COPPER
SHELL = COPPER ALLOY
POWER CONTACT = COPPER ALLOY
BOARD-MOUNT GUIDE = STAINLESS STEEL
FINISH:
SIGNAL CONTACT:
CLIP = 0.3µ GOLD OVER NICKEL
SHELL = 0.25-0.3µ GOLD OVER NICKEL
POWER CONTACT: GOLD OVER NICKEL
ELECTRICAL:
WORKING VOLTAGE = 800V AC/DC
VOLTAGE PROOF = 1200V 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 = 25mΩ MAX
POWER CONTACT:
CONTACT RESISTANCE = 6mΩ 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 = 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)



MSP	I	27.02.17	----
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		M.PERREN	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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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 VERTICAL
PC TAIL FEMALE ASSEMBLY
DRAWING NUMBER:
M80-4T21805FB-02-322-00-000
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