

Customer Information Sheet

DRAWING No.: M80-4T12000-21-301

SHEET 2 OF 2

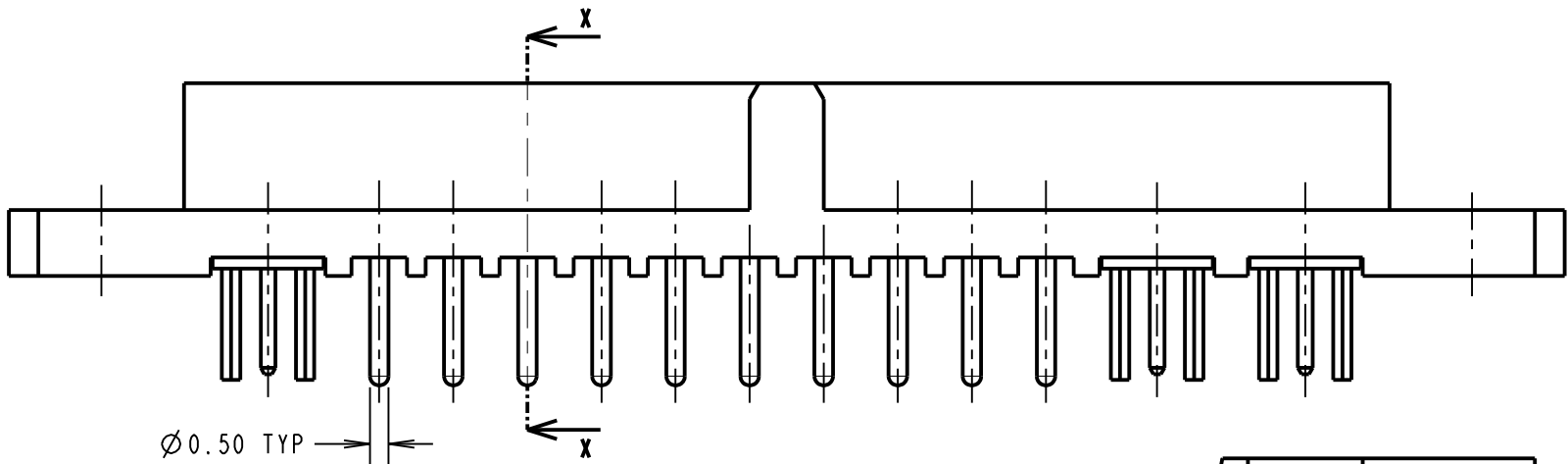
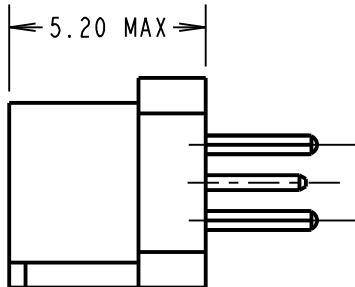
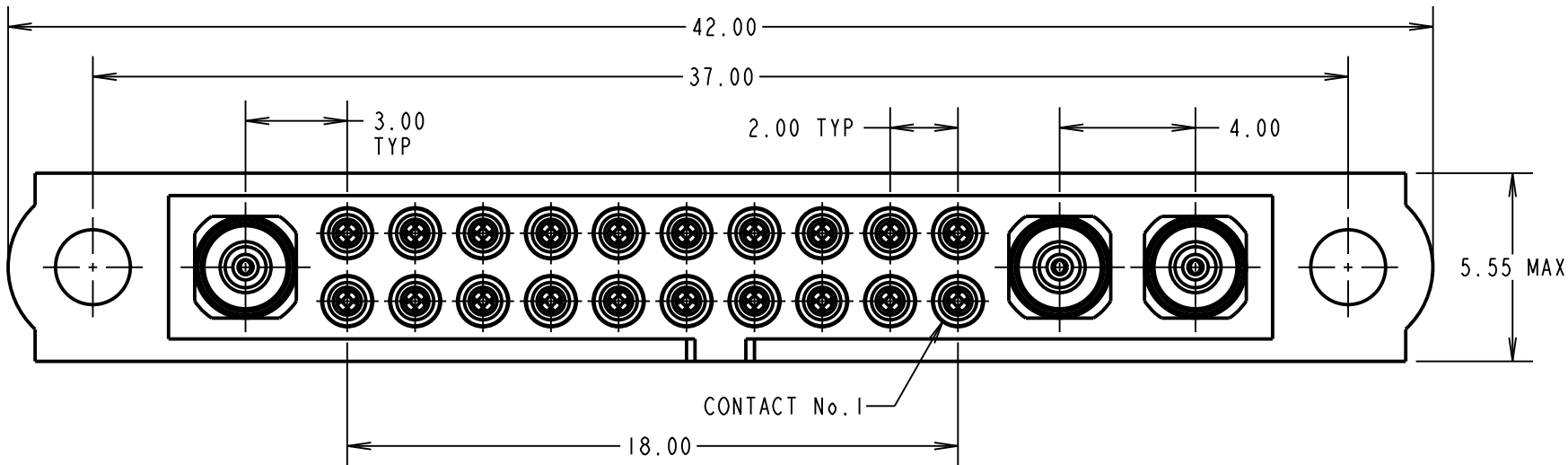
IF IN DOUBT - ASK

©

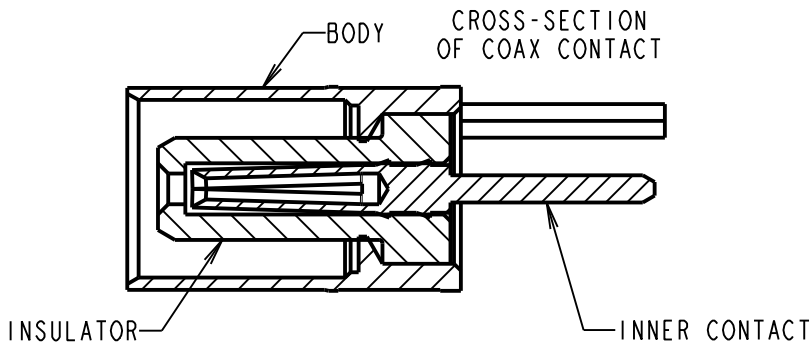
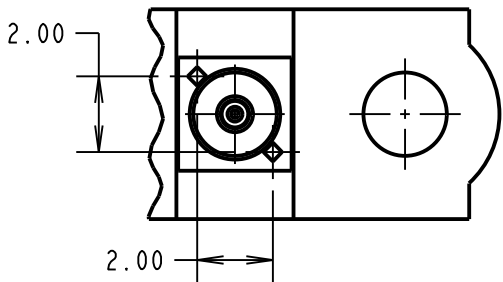
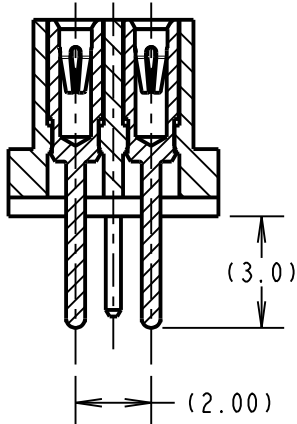
NOT TO SCALE

THIRD ANGLE PROJECTION

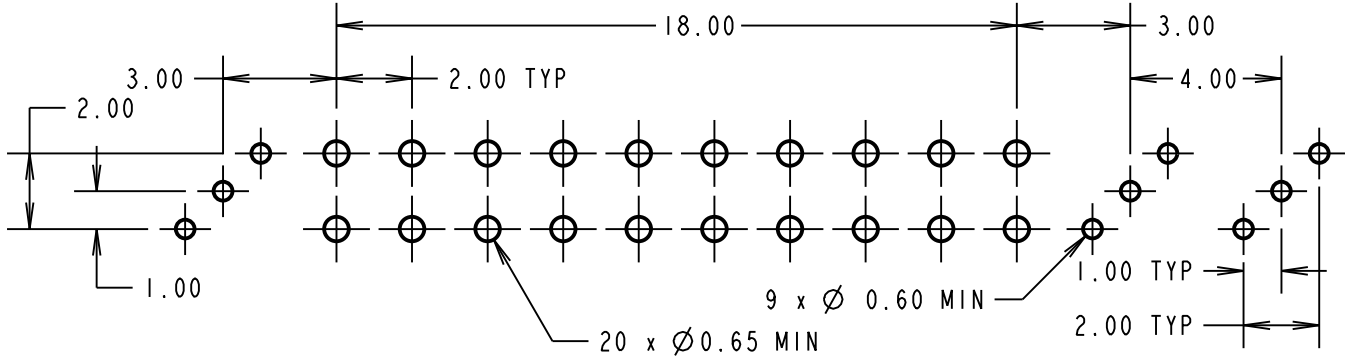
ALL DIMENSIONS IN mm



SECTION X-X



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:
MATERIAL:
MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
SIGNAL CONTACT:
CLIP = BERYLLIUM COPPER
SHELL = BRASS
COAX CONTACT:
BODY = COPPER ALLOY
INNER CONTACT = BERYLLIUM COPPER
INSULATOR = PTFE
FINISH:
SIGNAL CONTACT:
CLIP = 0.3µ GOLD
SHELL = 3.5-5.0µ 90/10 TIN/LEAD
COAX CONTACT:
BODY, INNER CONTACT = GOLD
ELECTRICAL:
WORKING VOLTAGE = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC
INSULATION RESISTANCE = 100 MΩ MIN
SIGNAL CONTACT:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
CONTACT RESISTANCE = 25 mΩ MAX
COAX CONTACT:
FREQUENCY RANGE = 6GHz
IMPEDANCE = 50Ω
V.S.W.R. = 1.05 + (0.04 x FREQUENCY) GHz MAX
CONTACT RESISTANCE = 6mΩ MAX
INSULATION RESISTANCE = 10⁶ MΩ @250V AC
OPERATING VOLTAGE = 180V AC @ 500mA
MAXIMUM VOLTAGE = 1,000V AC
MECHANICAL:
DURABILITY = 500 OPERATIONS
SIGNAL CONTACT:
INSERTION FORCE = 2.8N MAX
WITHDRAWAL FORCE = 0.2N MIN
COAX 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)

SM	I	22.10.10	10806
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
DRAWN: B. M. KENT			
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:

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SHT
2
OF 2