

Customer Information Sheet

DRAWING No.: M80-4T11205F1-02-321-00-000

SHEET 2 OF 2

IF IN DOUBT - ASK

©

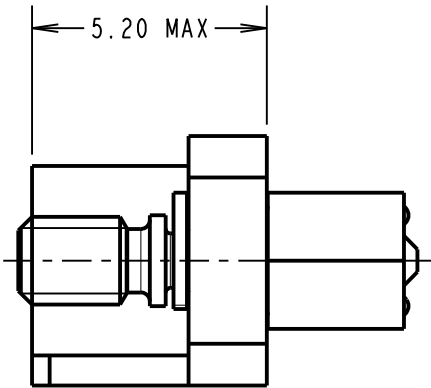
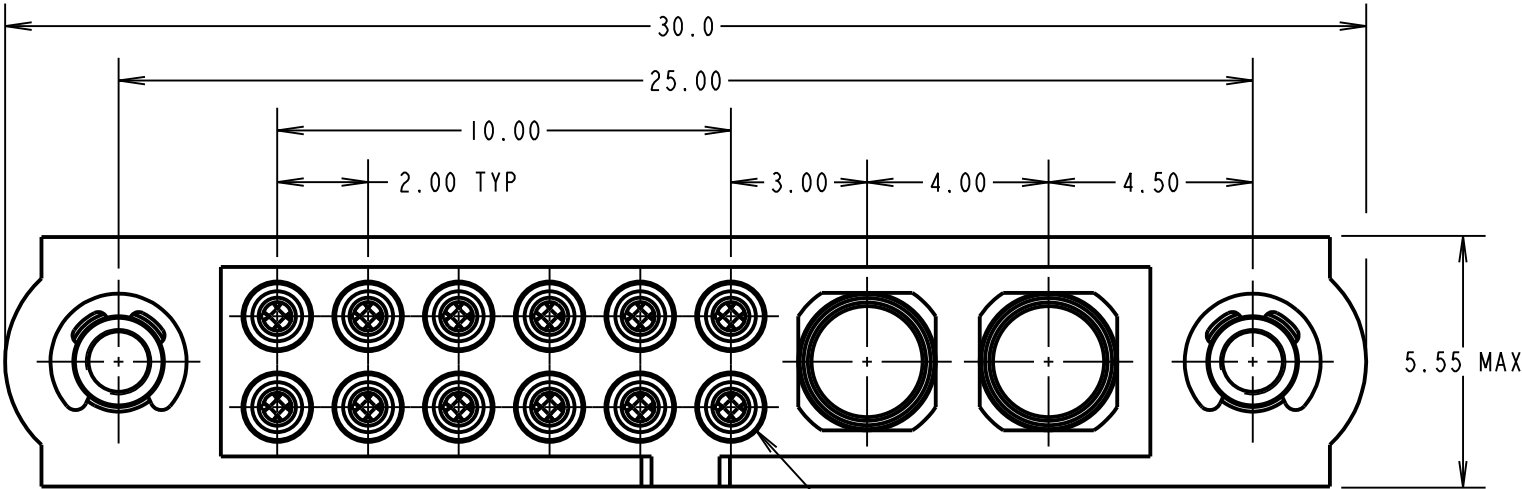
NOT TO SCALE

THIRD ANGLE PROJECTION

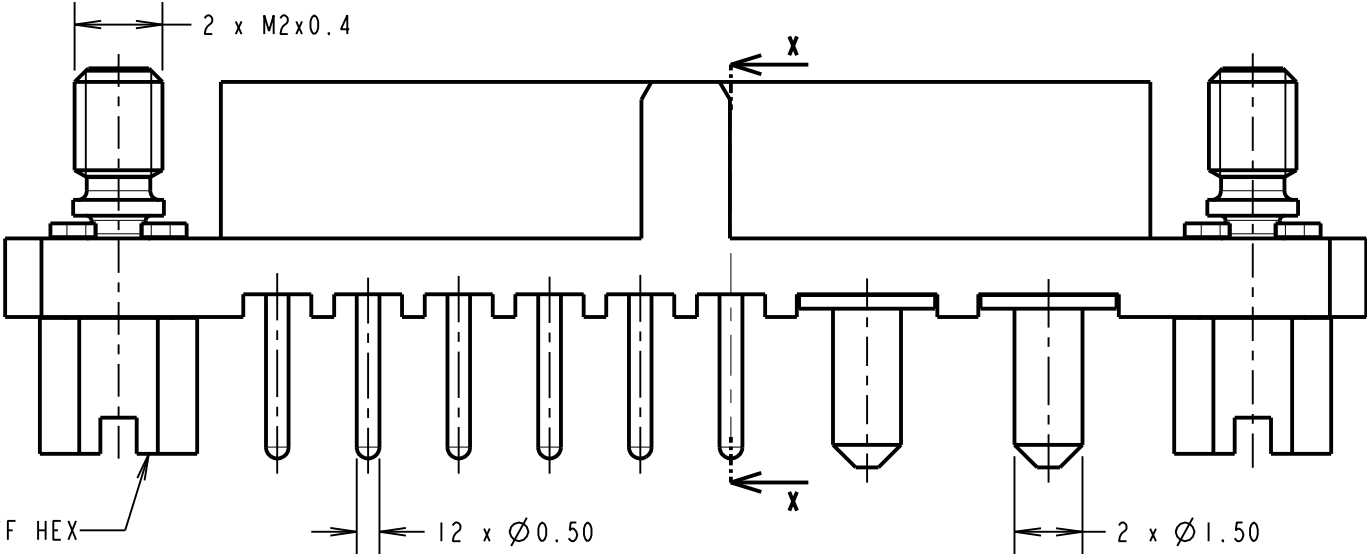
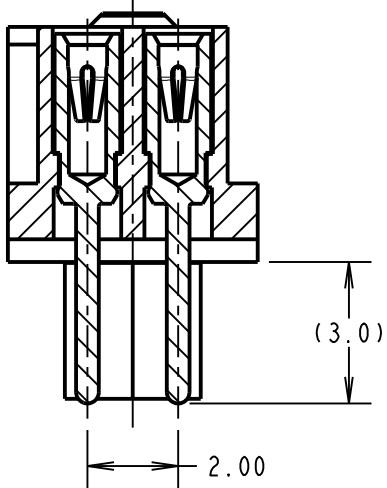
ALL DIMENSIONS IN mm

SPECIFICATIONS:

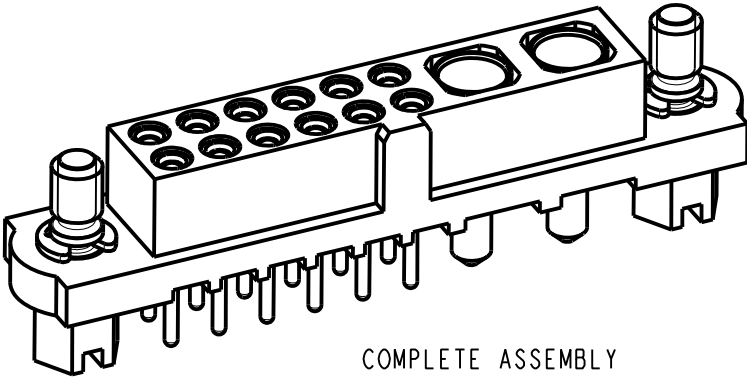
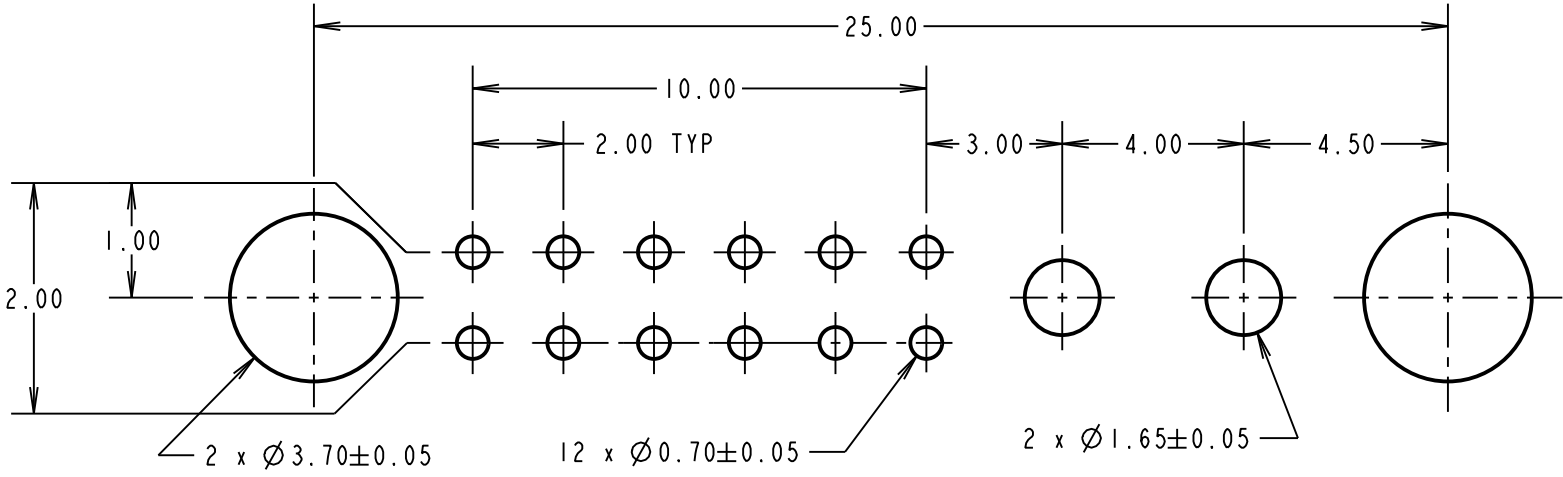
MATERIAL:
MOULDING = GLASS FILLED PPS, UL94V-0, BLACK
SIGNAL CONTACT:
CLIP = BERYLIUM COPPER
SHELL = COPPER ALLOY
POWER CONTACT = COPPER ALLOY
JACKSCREW, CIRCLIP = STAINLESS STEEL
FINISH:
SIGNAL CONTACT:
CLIP = 0.3µ GOLD OVER NICKEL
SHELL = 0.25-0.3µ GOLD OVER NICKEL
POWER CONTACT = GOLD OVER NICKEL
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)



SECTION X-X



RECOMMENDED PCB LAYOUT



COMPLETE ASSEMBLY FOR ILLUSTRATION ONLY

MSP	2	19.06.17	13269
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: M.PLESTED			
DRAWN: M. G. PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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: M80-4T11205F1-02-321-00-000
SHT 2 **OF** 2

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