

Customer Information Sheet

DRAWING No.: M80-4T1020IF1-01-321-01-321

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

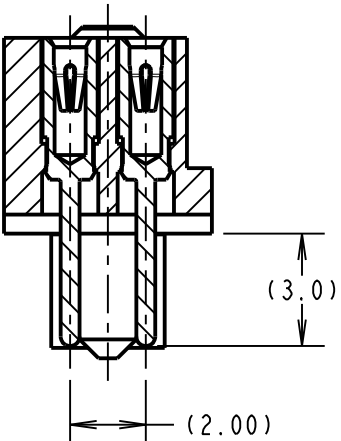
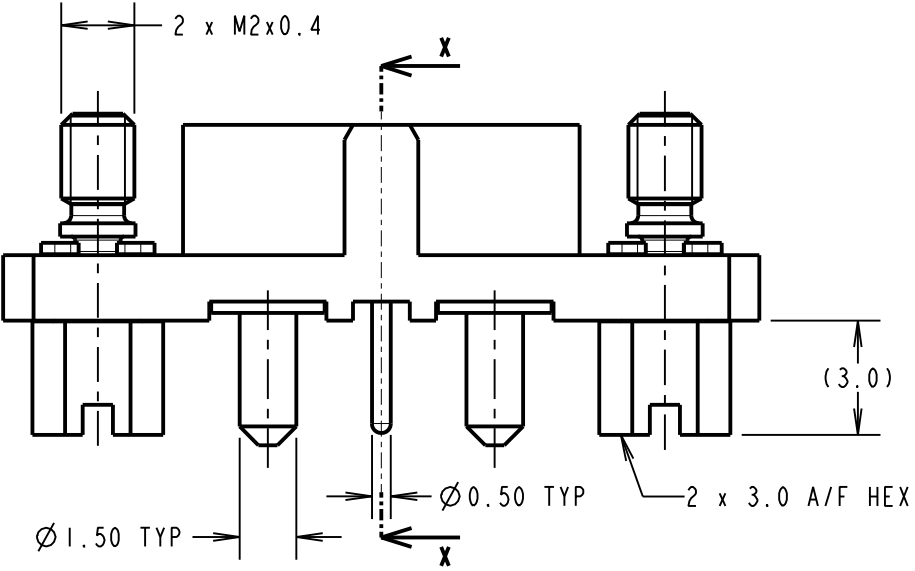
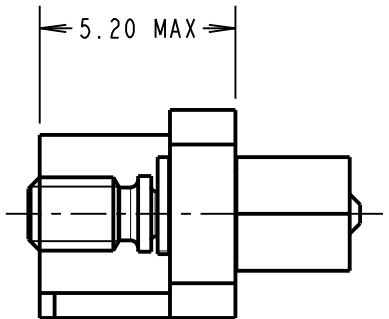
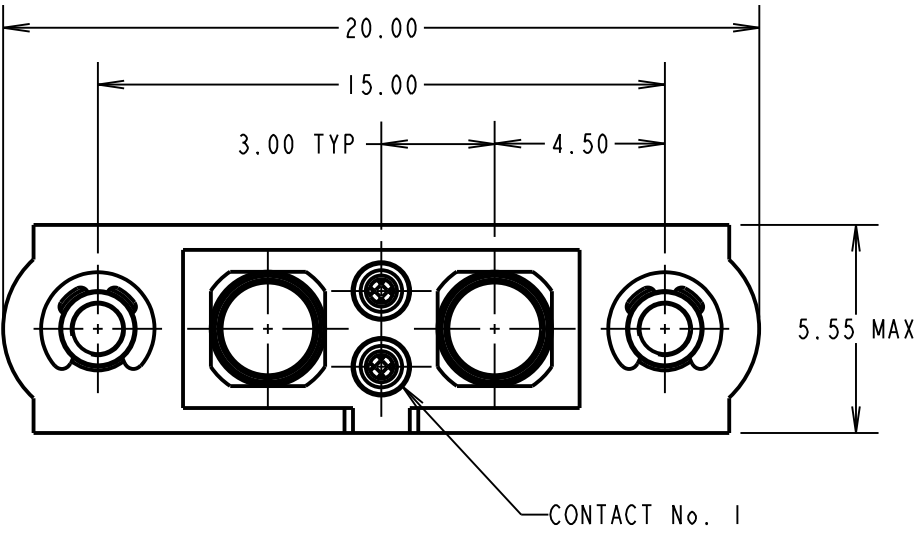
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

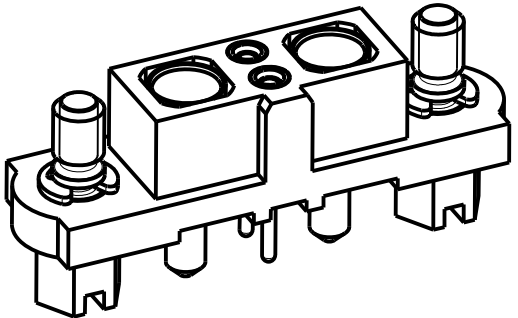
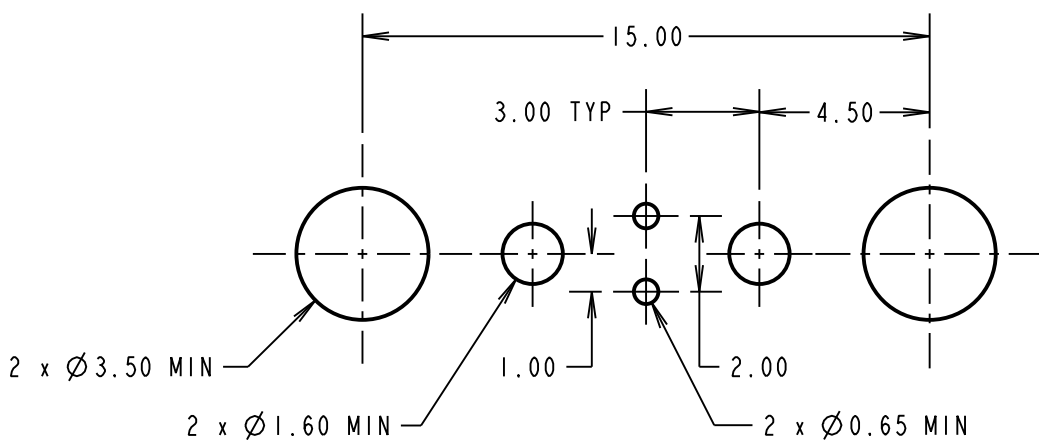
SPECIFICATIONS:

MATERIAL:
MOULDING: GLASS FILLED PPS, UL94V-0, BLACK
SIGNAL CONTACT:
CLIP = BERYLIUM COPPER
SHELL = BRASS
POWER CONTACT: BRASS
JACKSCREW, CIRCLIP: STAINLESS STEEL
FINISH:
SIGNAL CONTACT:
CLIP = 0.3 μ GOLD OVER NICKEL
SHELL = 3.5-5.0 μ TIN/LEAD OVER NICKEL
POWER CONTACT: GOLD OVER NICKEL
ELECTRICAL:
WORKING VOLTAGE = 800V AC/DC
VOLTAGE PROOF = 1200V 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:
TUBE
FOR COMPLETE SPECIFICATION SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)



SECTION X-X

RECOMMENDED PCB LAYOUT



MGP	1	13.08.12	----
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: M. G. PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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MATTER SET OUT HEREON ARE
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GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
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OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

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 FEMALE ASSEMBLY
DRAWING NUMBER:
M80-4T1020IF1-01-321-01-321
SHT
2
OF
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