

Customer Information Sheet

DRAWING No.: M80-5L11205M7-04-313-00-000 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: PHOSPHOR BRONZE
COAX CONTACT:
BODY = COPPER ALLOY
INNER CONTACT = PHOSPHOR BRONZE
INSULATOR = PTFE
BOARD-MOUNT JACKSCREW, SCREW: STAINLESS STEEL

FINISH:
SIGNAL CONTACT = 0.75µ GOLD ALL OVER
COAX CONTACT: BODY, INNER CONTACT = GOLD

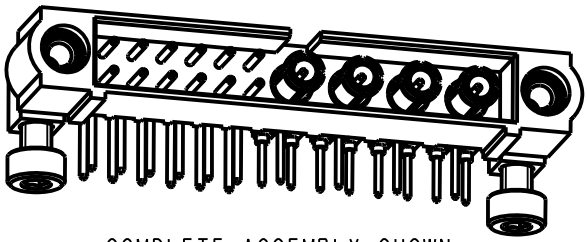
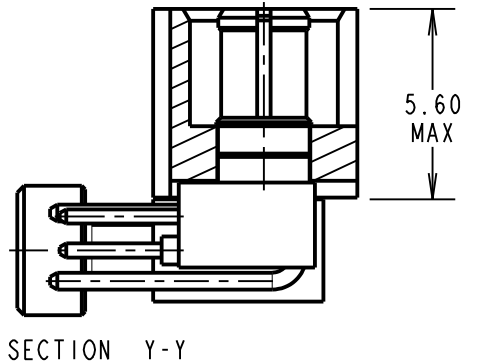
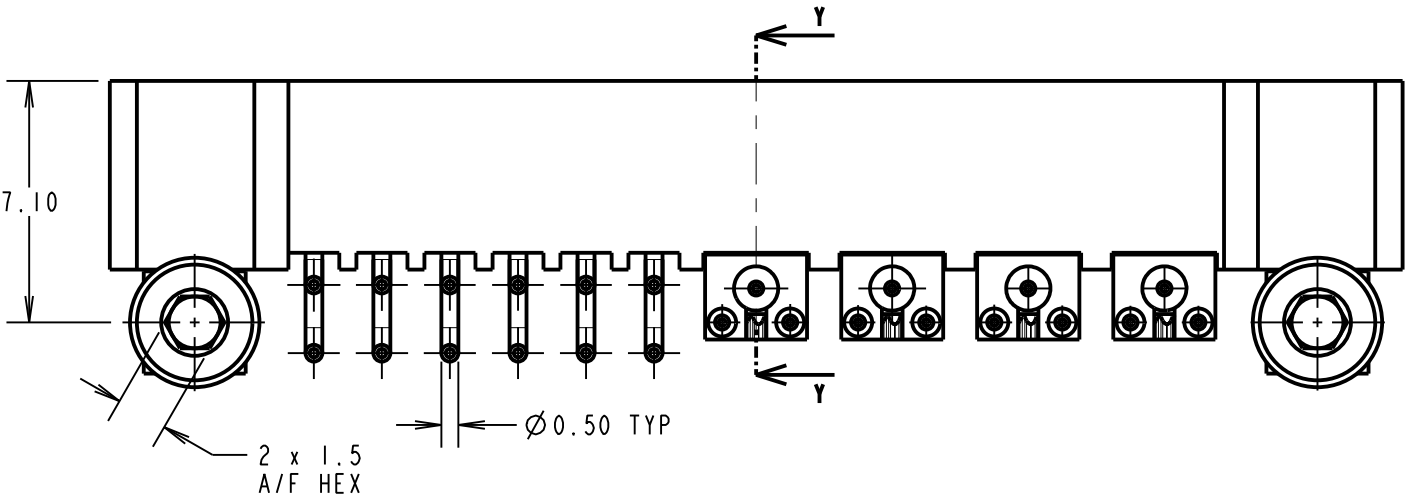
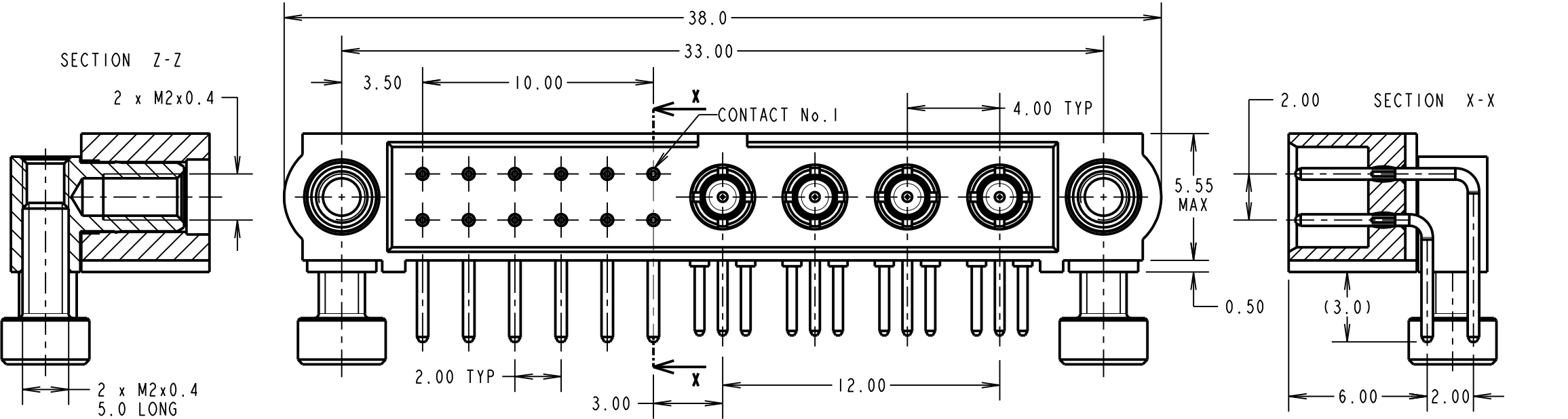
ELECTRICAL:
WORKING VOLTAGE = 800V AC/DC
VOLTAGE PROOF = 1200V AC/DC
INSULATION RESISTANCE = 100MΩ MIN
SIGNAL CONTACT:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
CONTACT RESISTANCE = 25mΩ MAX
COAX CONTACT:
FREQUENCY RANGE = 6GHz
IMPEDANCE = 50Ω
V.S.W.R = 1.05 + (0.04 x FREQUENCY) GHz MAX
CONTACT RESISTANCE = 6mΩ MAX
INSULATION RESISTANCE = 10⁶MΩ @250V AC
OPERATING VOLTAGE = 180V AC @ 500mA
MAXIMUM VOLTAGE = 1000V AC

MECHANICAL:
DURABILITY = 500 OPERATIONS
SIGNAL CONTACT:
INSERTION FORCE = 2.0N MAX
WITHDRAWAL FORCE = 0.2N MIN
COAX CONTACT:
INSERTION FORCE = 8N MAX
WITHDRAWAL FORCE = 0.5N MIN

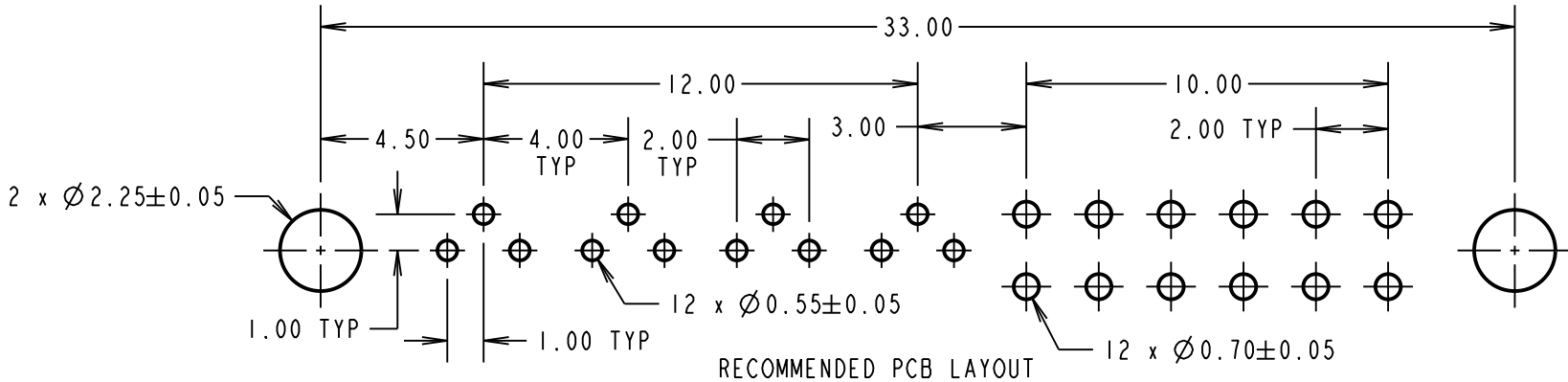
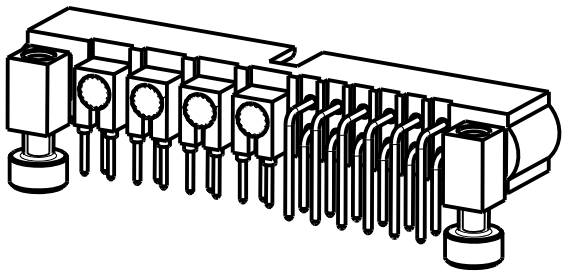
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:
TUBE
FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

NOTES:
1. CONNECTORS ARE SUPPLIED WITH SCREWS LOOSE.



COMPLETE ASSEMBLY SHOWN FOR ILLUSTRATION ONLY



LS	2	23.10.17	13269
NAME	ISS.	DATE	C/NOTE
APPROVED: LS			
CHECKED: SB			
DRAWN: S. MCCULLAGH			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
X. = ±1mm
X.X = ±0.50mm
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 HORIZONTAL
PC TAIL MALE ASSEMBLY
DRAWING NUMBER:
M80-5L11205M7-04-313-00-000
SHT
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