

Customer Information Sheet

DRAWING No.: M80-5L1064200-02-313-02-333

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 = BERYLLIUM COPPER
SHELL = BRASS

POWER + COAX CONTACT:
BODY + SLEEVE = BRASS
INSULATOR = PTFE
LATCHING COLLAR + INNER CONTACT =
BERYLLIUM COPPER

FINISH:

POWER + COAX CONTACT:
BODY, SLEEVE, INNER CONTACT = GOLD
LATCHING COLLAR = NICKEL

SIGNAL CONTACT:
CLIP = 0.3µ GOLD
SHELL = 3.5-5.0µ 100% TIN

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 = 1,000V AC

POWER CONTACT:
CONTACT RESISTANCE = 6mΩ MAX
CURRENT RATING = 20A MAX
CONTACT AS SPECIFIED

MECHANICAL:

DURABILITY = 500 OPERATIONS

SIGNAL CONTACT:
INSERTION FORCE = 2.0N MAX
WITHDRAWAL FORCE = 0.2N MIN

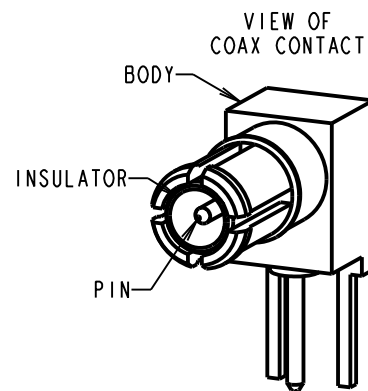
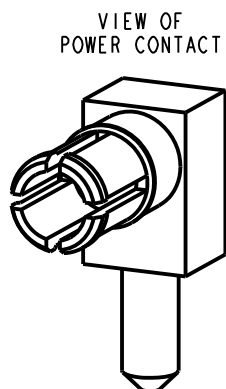
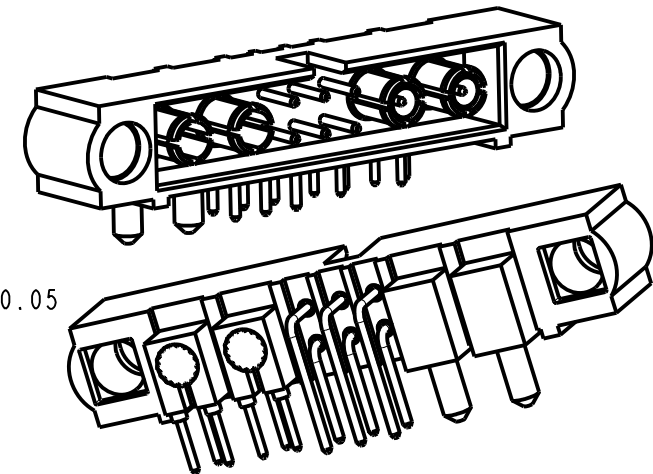
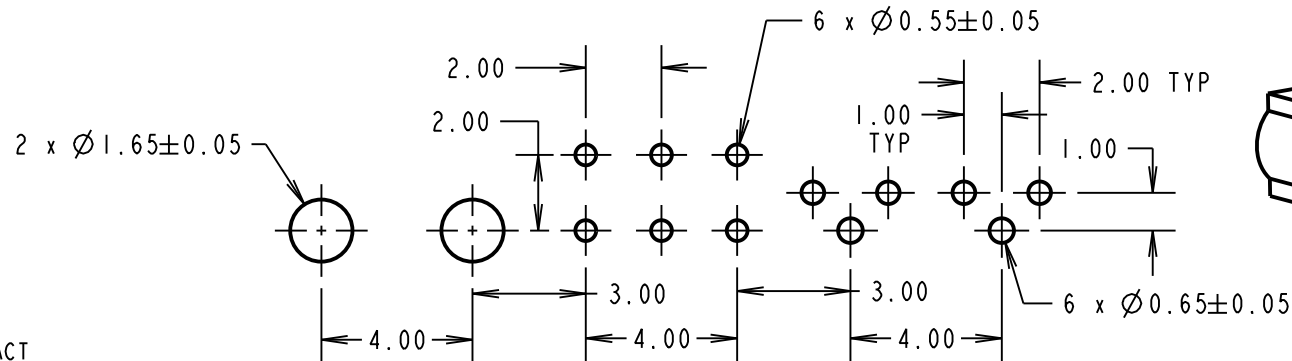
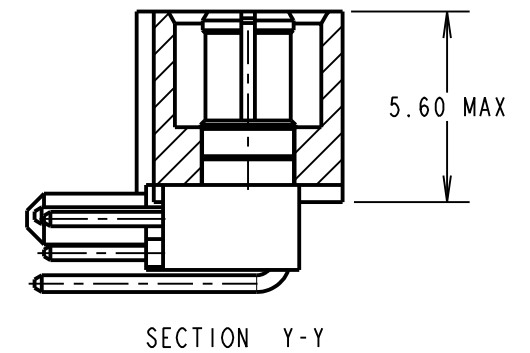
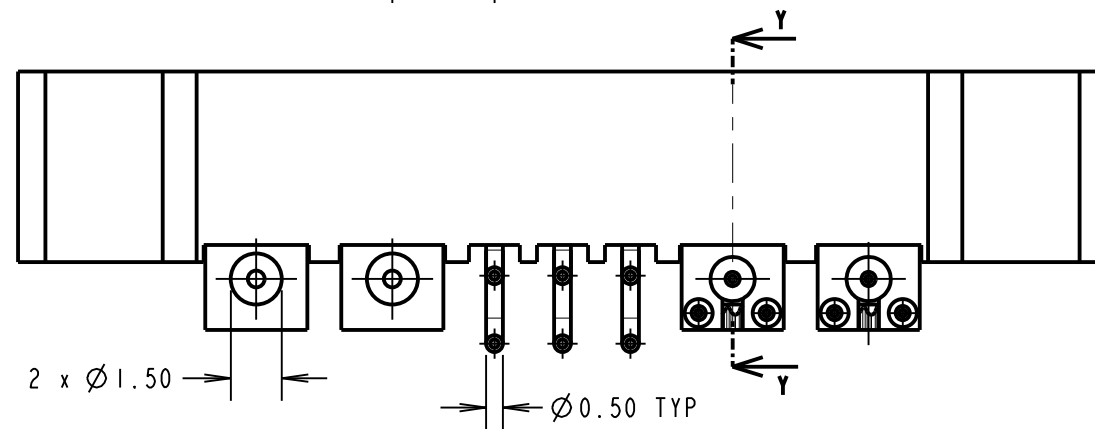
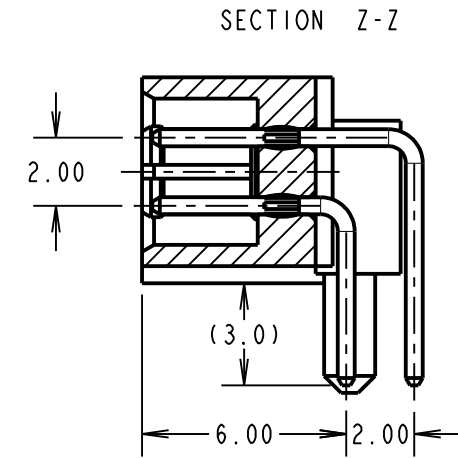
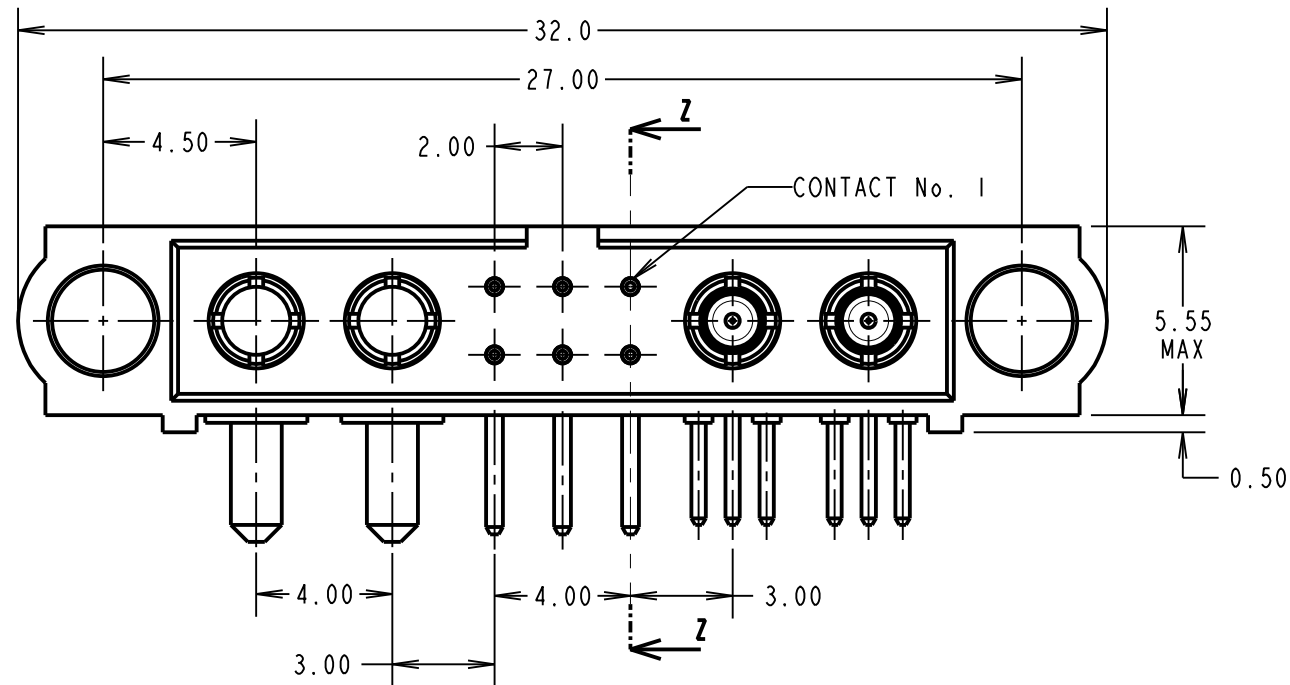
POWER + COAX CONTACT:
INSERTION FORCE = 8N MAX
WITHDRAWAL FORCE = 0.5N MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

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



LS	1	26.10.17	13269
NAME	ISS.	DATE	C/NOTE
APPROVED:		L.SEGREF	
CHECKED:		S.BENNETT	
DRAWN:		S.FLOWER	
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
PC-TAIL MALE ASSEMBLY

DRAWING NUMBER:

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