

Customer Information Sheet

DRAWING No.: M80-5T10622MI-04-331-00-000

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: PHOSPHOR BRONZE

COAX CONTACT:
BODY = COPPER ALLOY
INNER CONTACT = PHOSPHOR BRONZE
INSULATOR = PTFE

JACKSCREW: STAINLESS STEEL

FINISH:

SIGNAL CONTACT:
75 μ GOLD ON CONTACT AREA,
3 μ 90/10 TIN/LEAD ON TAILS

COAX CONTACT: BODY, INNER CONTACT = GOLD

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 = 25m Ω MAX

COAX CONTACT:

FREQUENCY RANGE = 6GHz
IMPEDANCE = 50 Ω
V.S.W.R = 1.05 + (0.04 x FREQUENCY) GHz MAX
CONTACT RESISTANCE 6m Ω MAX

INSULATION RESISTANCE = 10⁶M Ω @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

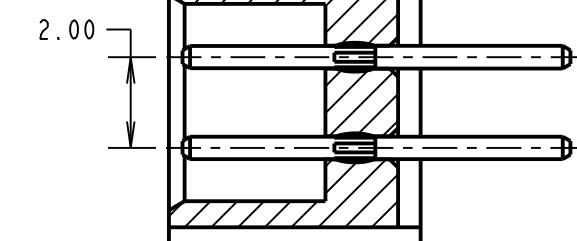
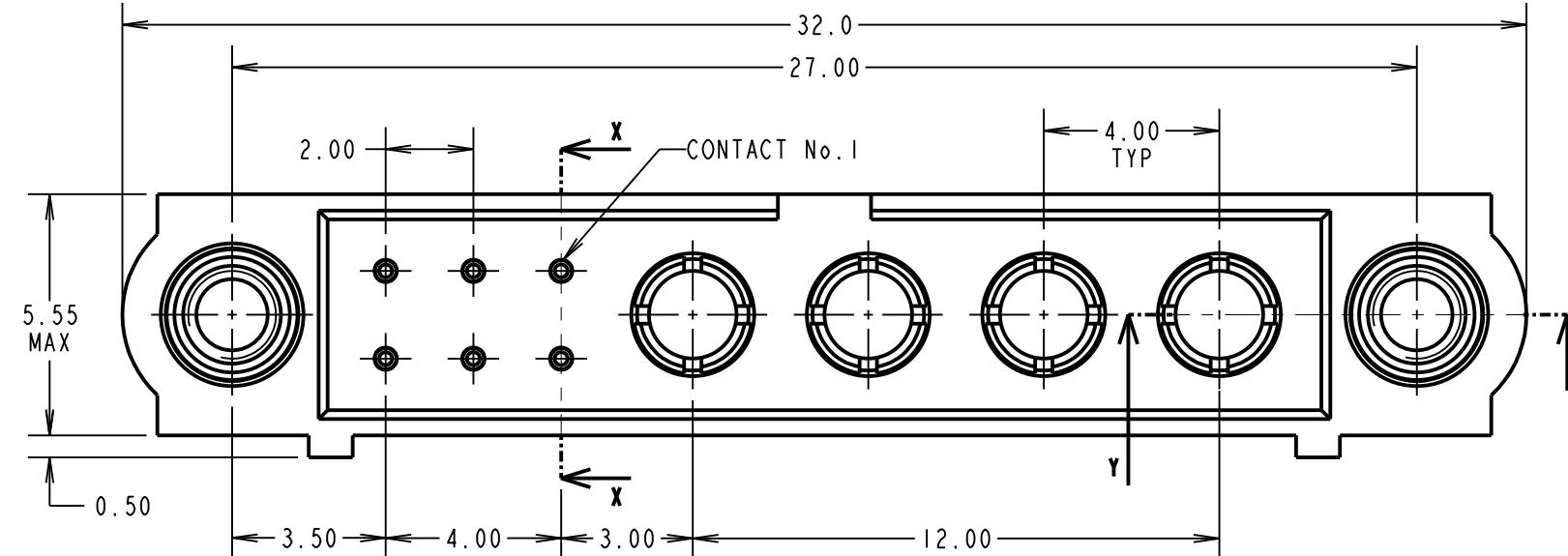
COAX CONTACT:
INSERTION FORCE = 8.0N MAX
WITHDRAWAL FORCE = 0.5N MIN

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

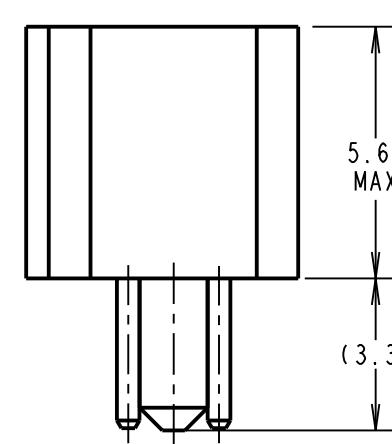
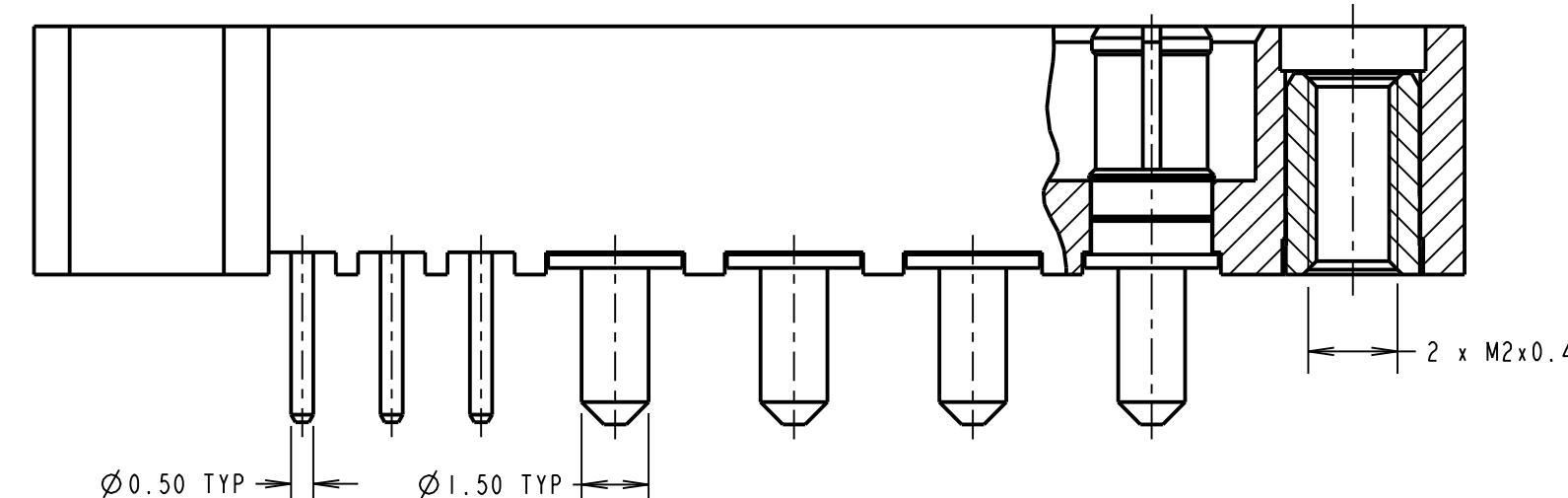
PACKING:

TRAY

FOR COMPLETE SPECIFICATION SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)

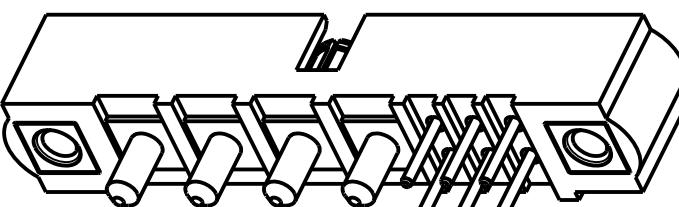
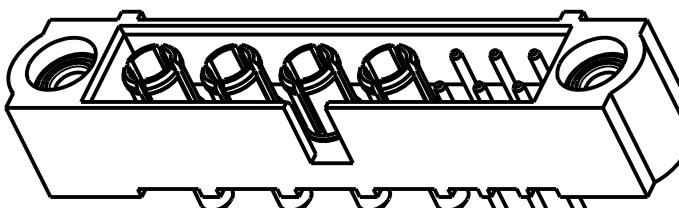
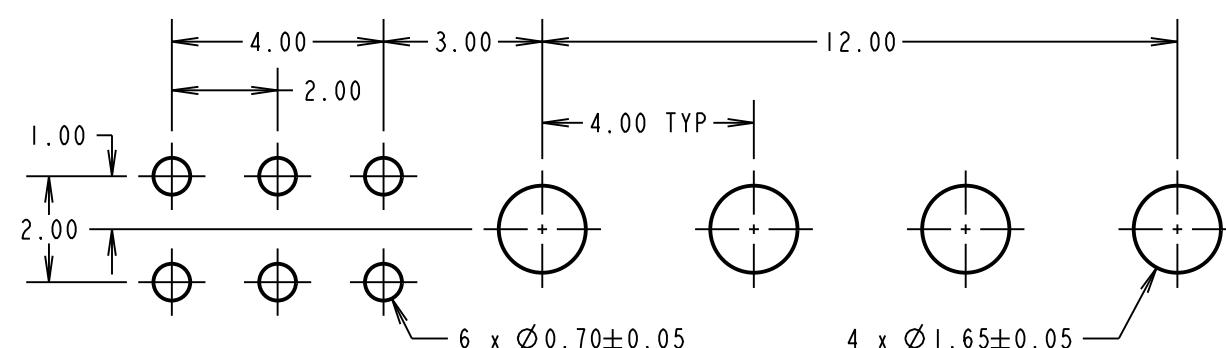


SECTION X-X



PART SECTION Y-Y

RECOMMENDED PCB LAYOUT



HARWIN

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OR USED FOR MANUFACTURING,
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TOLERANCES

X. = ± 1 mm
X.X = ± 0.50 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mm

ANGLES = ± 5 °

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

TITLE: JACKSCREW DATAMATE
MIXED TECHNOLOGY
PC TAIL MALE ASSEMBLY

DRAWING NUMBER: M80-5T10622MI-04-331-00-000

SHT 2

OF 2

FM	2	29.09.17	13269
NAME	ISS.	DATE	C/NOTE
APPROVED:	F. MCGOWAN		
CHECKED:	S. BENNETT		
DRAWN:	R. ADDE		
CUSTOMER REF.:			

ASSEMBLY DRG: