

# Customer Information Sheet

DRAWING No.: M80-5T11205M3-04-311-00-000

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

BOARD-MOUNT JACKSCREW, NUT: STAINLESS STEEL

### FINISH:

SIGNAL CONTACT: 0.75μ GOLD

COAX CONTACT: BODY, INNER 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

COAX CONTACT:

FREQUENCY RANGE = 6GHz

IMPEDANCE = 50 Ω

V.S.W.R = 1.05 + (0.04 x FREQUENCY) GHz MAX

CONTACT RESISTANCE 6mΩ MAX

INSULATION RESISTANCE = 10<sup>6</sup>MΩ @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

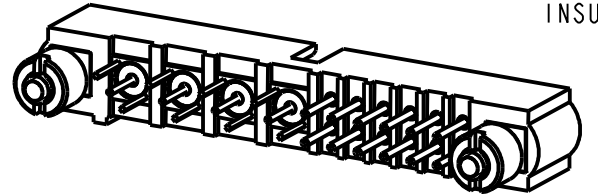
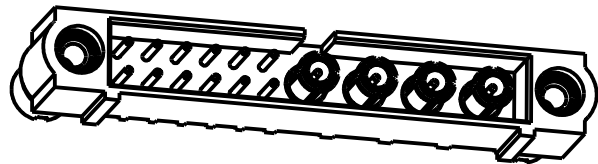
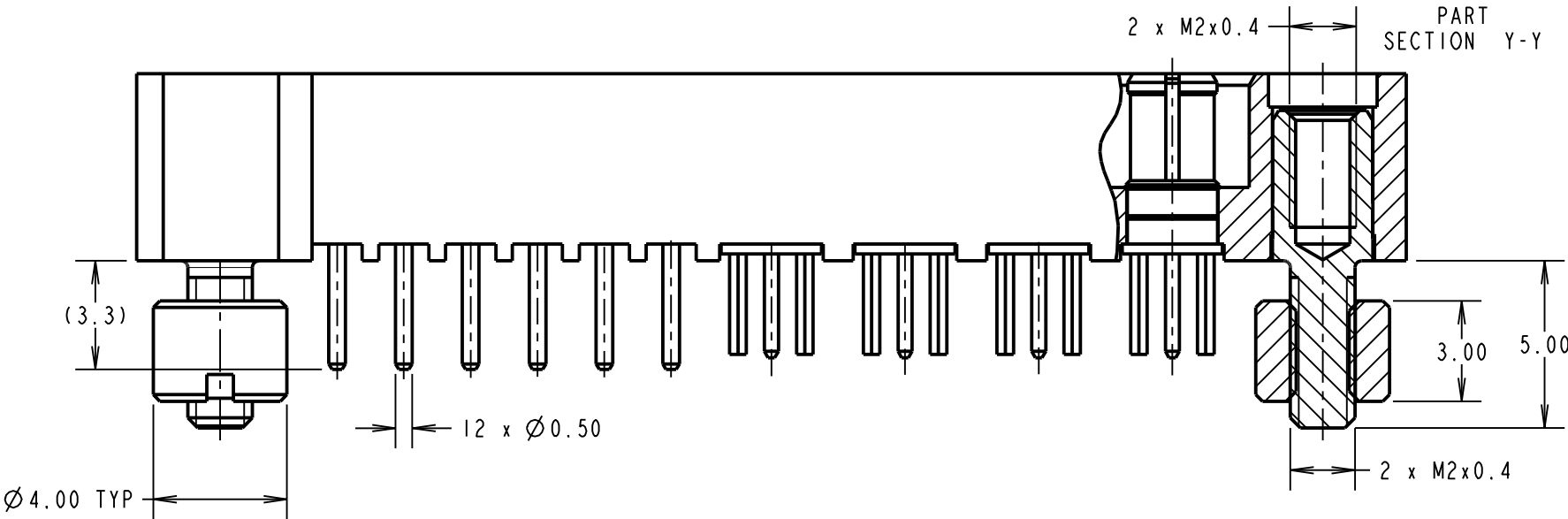
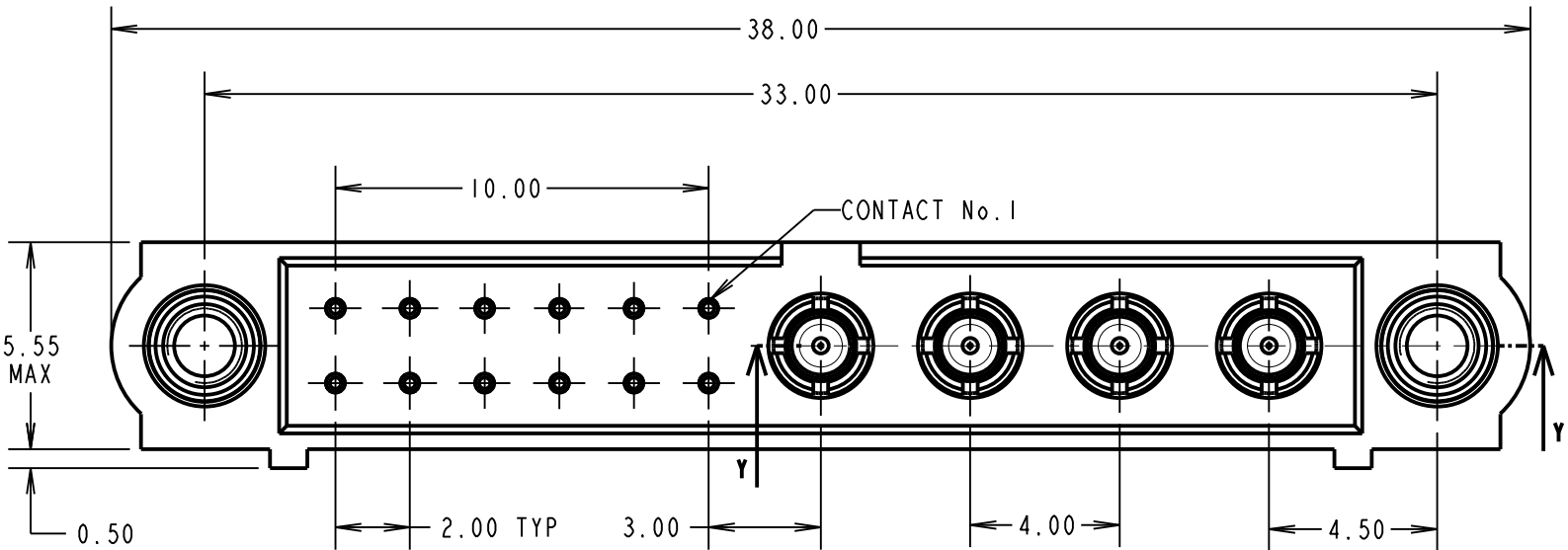
### ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

### PACKING:

TUBE

FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

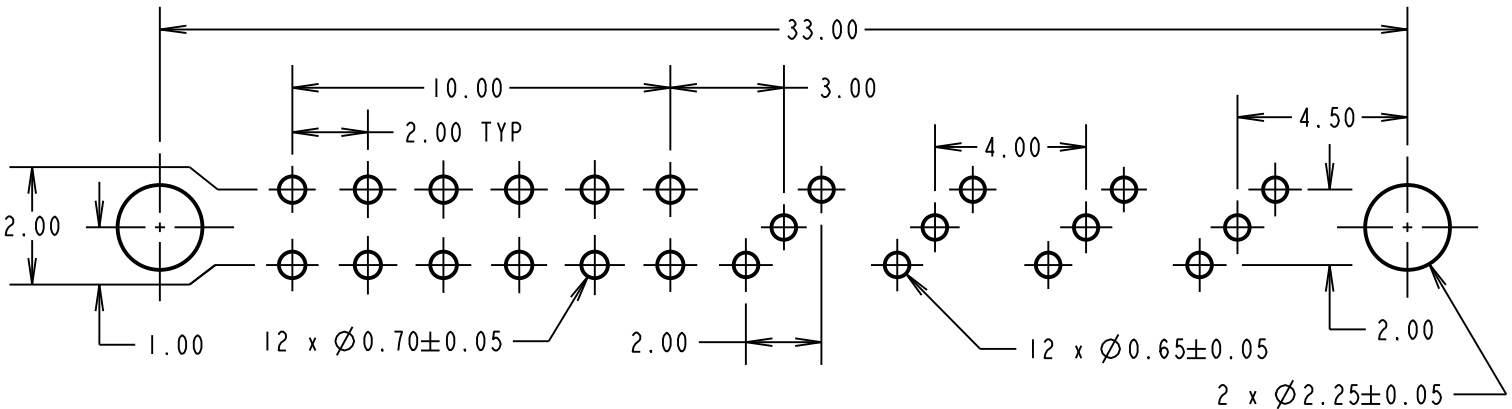


PIN  
VIEW OF  
COAX CONTACT

INSULATOR

BODY

### RECOMMENDED PCB LAYOUT



MSP	I	04.02.15	----
NAME	ISS.	DATE	C/NOTE
APPROVED:	M.PERREN		
CHECKED:	M.PLESTED		
DRAWN:	M.PERREN		
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:

mm<sup>2</sup>

TITLE: JACKSCREW DATAMATE  
MIXED TECHNOLOGY VERTICAL  
PC TAIL MALE ASSEMBLY

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### SHT

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