

# Customer Information Sheet

DRAWING No.: M80-5T10605M2-02-311-00-000

SHEET 2 OF 2

IF IN DOUBT - ASK

©

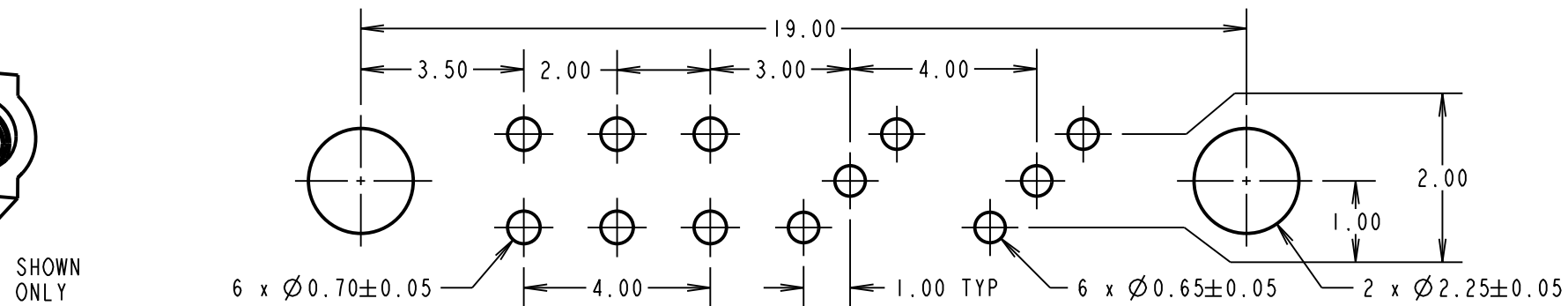
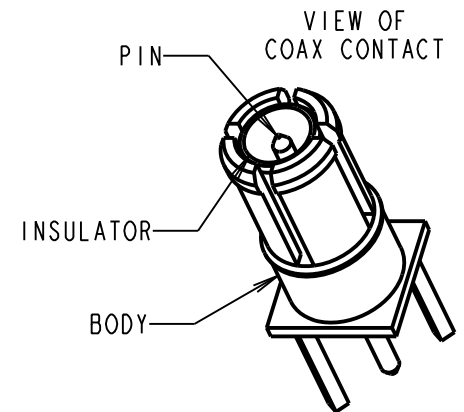
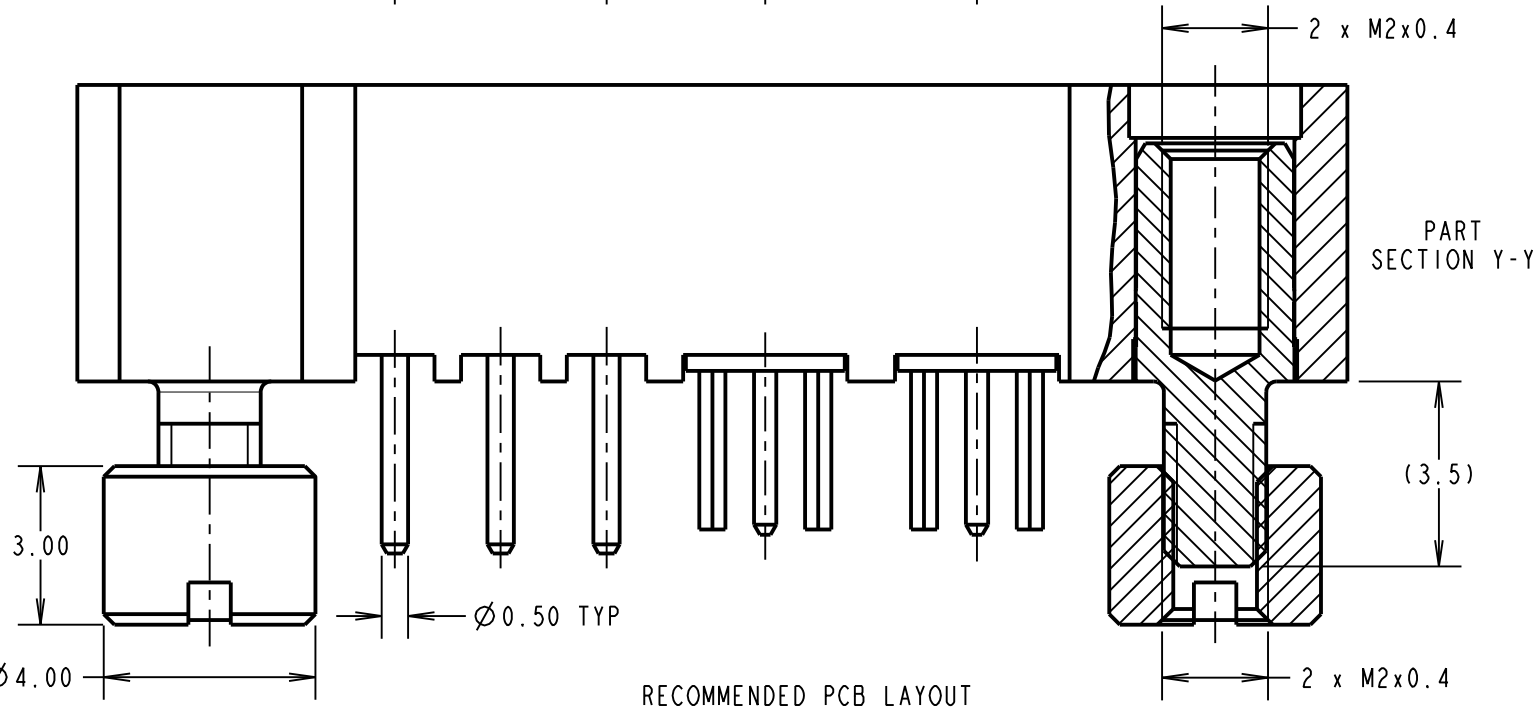
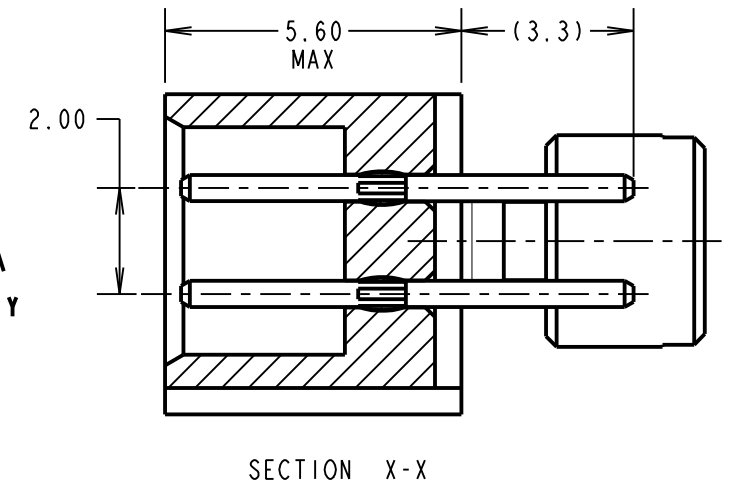
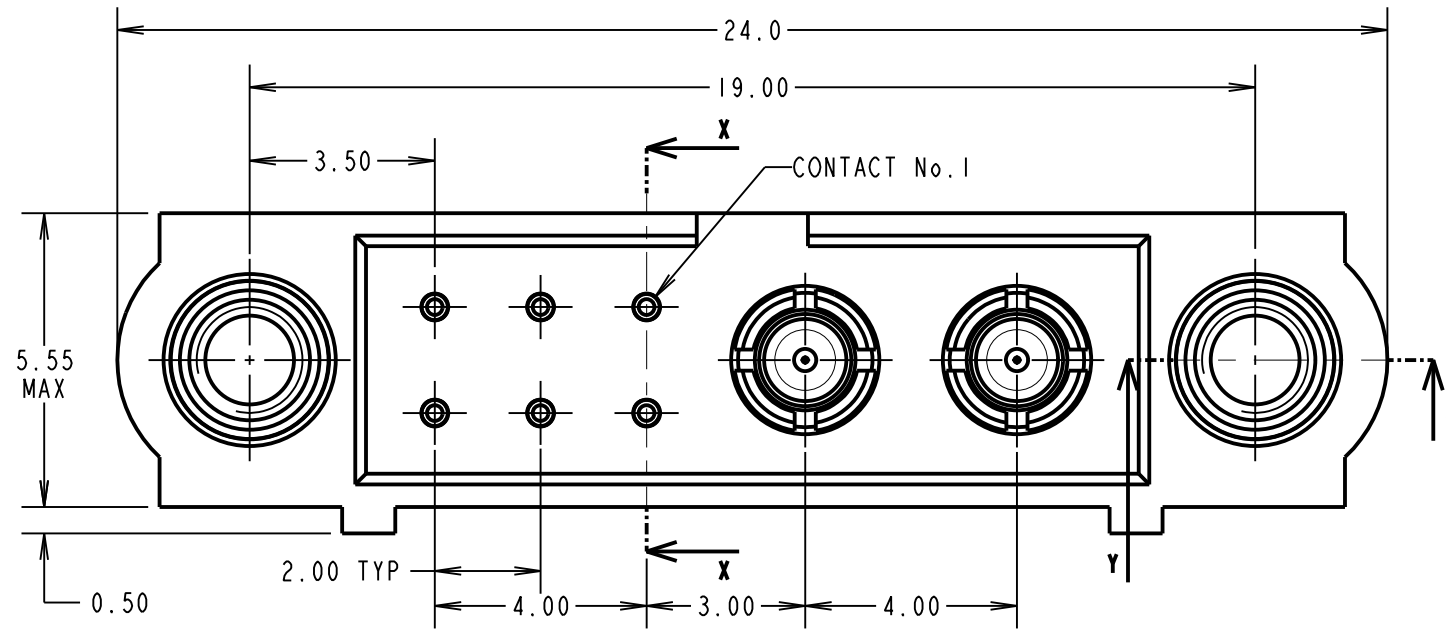
NOT TO SCALE

THIRD ANGLE PROJECTION

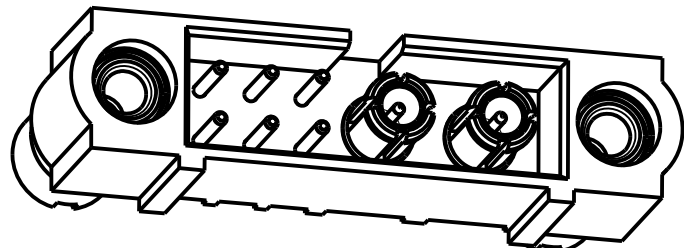
ALL DIMENSIONS IN mm

## SPECIFICATIONS:

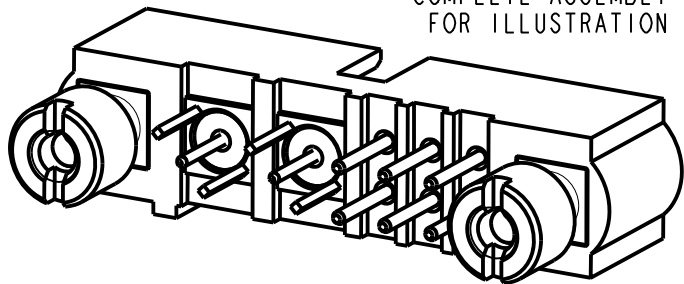
- MATERIAL:**  
 MOULDING: GLASS FILLED PPS, UL94V-0, BLACK  
 SIGNAL CONTACT: PHOSPHOR BRONZE  
 COAX CONTACT:  
 BODY = COPPER ALLOY  
 INNER CONTACT = PHOSPHOR BRONZE  
 INSULATOR = PTFE  
 JACKSCREW: STAINLESS STEEL
- FINISH:**  
 SIGNAL CONTACT:  
 0.75µ GOLD OVER NICKEL  
 COAX CONTACT: BODY, INNER 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 = 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 = 8.0N 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)



NOTE:  
 1. CONNECTORS ARE SUPPLIED WITH NUTS LOOSE.



COMPLETE ASSEMBLY SHOWN FOR ILLUSTRATION ONLY



FM	2	04.10.17	13269
NAME	ISS.	DATE	C/NOTE
APPROVED: F. MCGOWAN			
CHECKED: M. PLESTED			
DRAWN: MARK PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

## HARWIN

www.harwin.com  
 technical@harwin.com

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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 PC TAIL MALE ASSEMBLY

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