

# Customer Information Sheet

DRAWING No.: M80-5L21605M7-03-314-00-000

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

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 = 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:

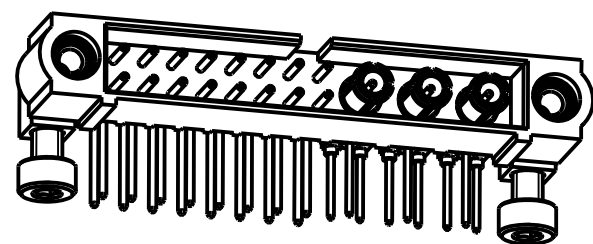
TEMPERATURE RANGE = -55°C TO +125°C

### PACKING:

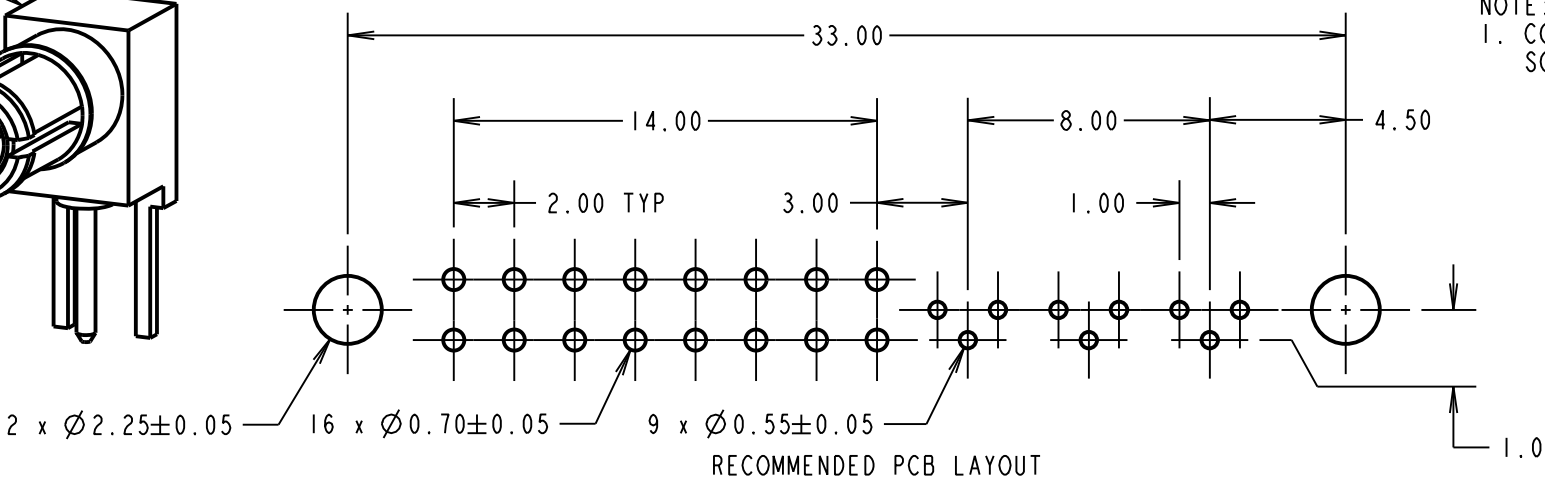
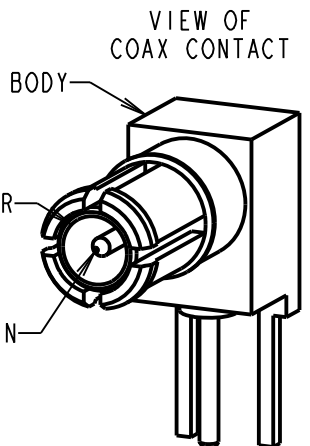
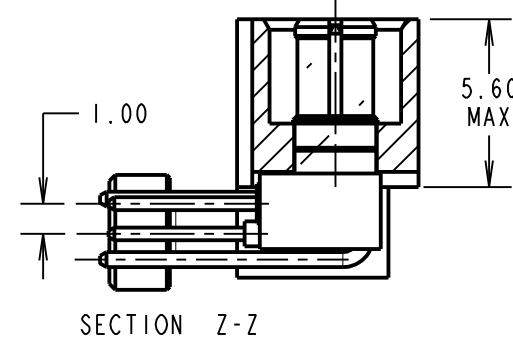
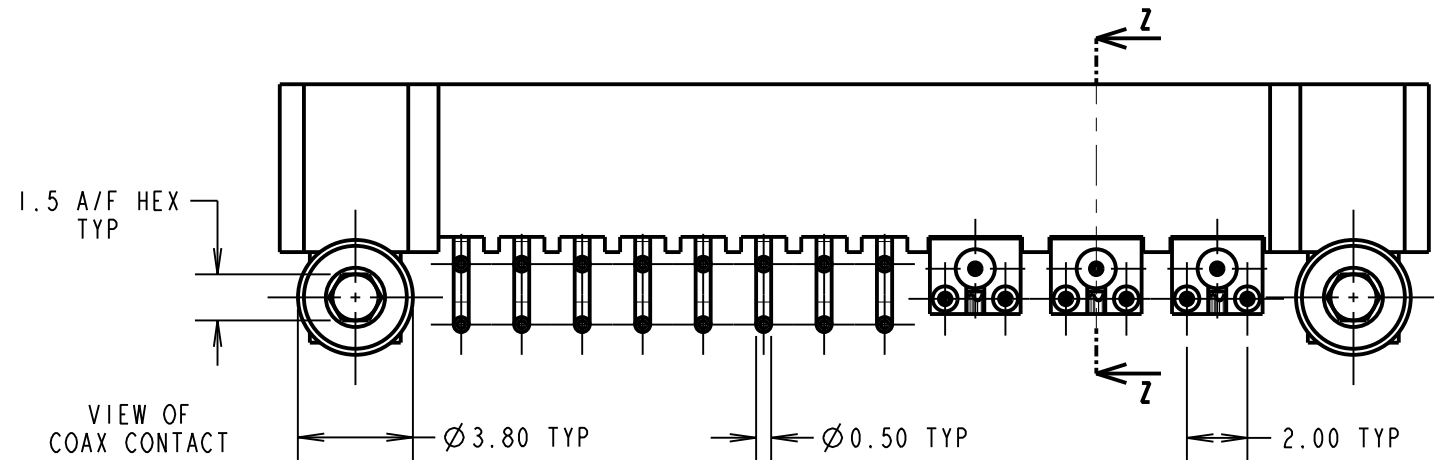
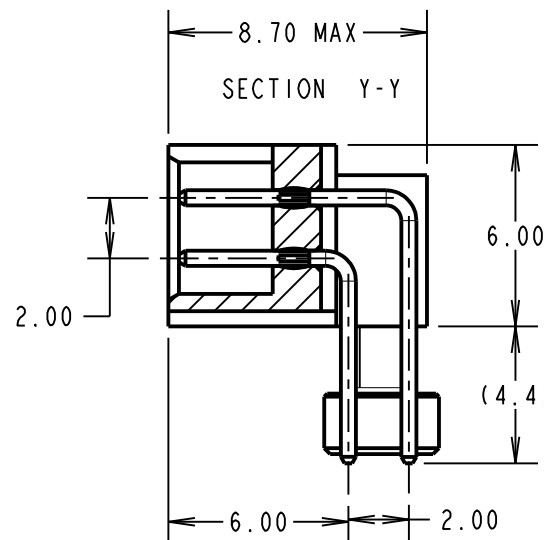
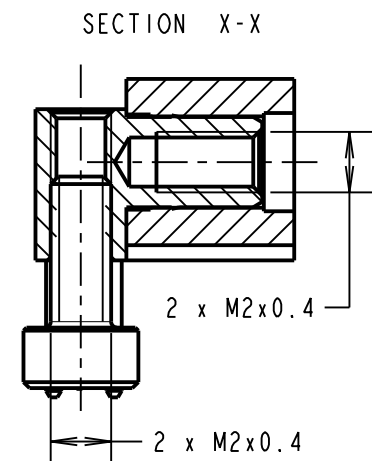
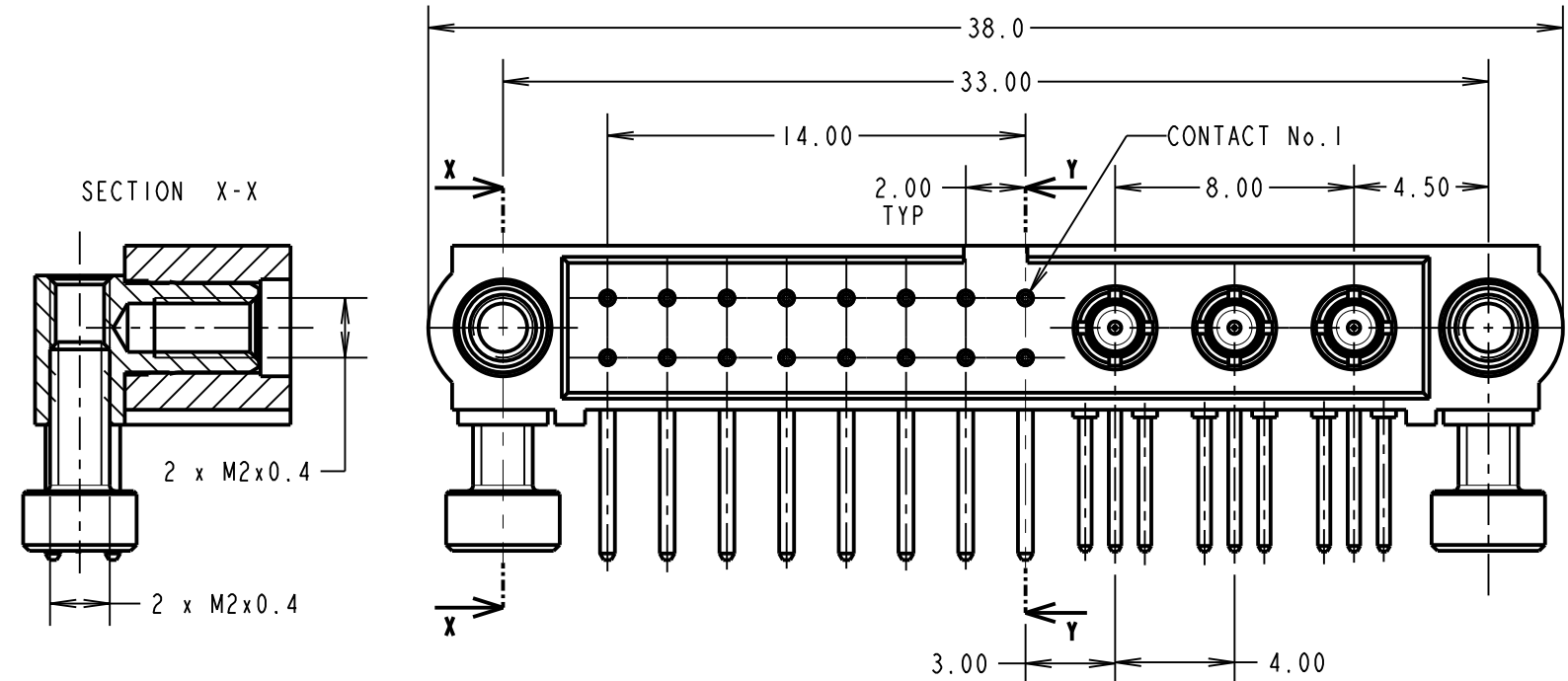
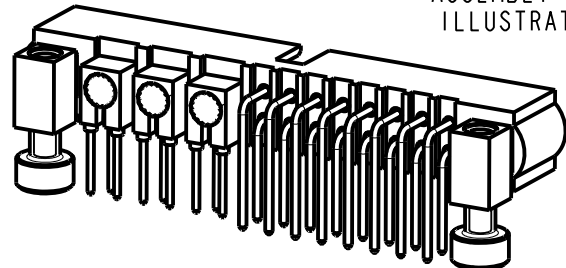
TUBE

FOR COMPLETE SPECIFICATION SEE COMPONENT

SPECIFICATION C005XX (LATEST ISSUE)



ASSEMBLY SHOWN FOR ILLUSTRATION ONLY



NOTE:  
1. CONNECTORS ARE SUPPLIED WITH SCREWS LOOSE.

|                      |      |          |        |
|----------------------|------|----------|--------|
| FM                   | 2    | 07.09.17 | 13269  |
| NAME                 | ISS. | DATE     | C/NOTE |
| APPROVED: F. MCGOWAN |      |          |        |
| CHECKED: S. BENNETT  |      |          |        |
| DRAWN: M. G. 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 HORIZONTAL  
PC TAIL MALE ASSEMBLY

DRAWING NUMBER:

M80-5L21605M7-03-314-00-000

SHT

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# Mouser Electronics

Authorized Distributor

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