

# Customer Information Sheet

DRAWING No.: M80-5T10405M2-02-331-00-000

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  
POWER CONTACT: COPPER ALLOY  
JACKSCREW AND NUT: STAINLESS STEEL

### FINISH:

SIGNAL CONTACT:  
0.75 $\mu$  GOLD

### POWER CONTACT:

GOLD

### ELECTRICAL:

WORKING VOLTAGE = 800V AC/DC

VOLTAGE PROOF = 1200V AC/DC

INSULATION RESISTANCE = 100M $\Omega$  MIN

### SIGNAL CONTACT:

CURRENT RATING AT 25°C = 3.0A MAX  
CURRENT RATING AT 85°C = 2.2A MAX  
CONTACT RESISTANCE = 25m $\Omega$  MAX

### POWER CONTACT:

CONTACT RESISTANCE 6m $\Omega$  MAX  
CURRENT RATING = 20A MAX

### MECHANICAL:

DURABILITY = 500 OPERATIONS

### SIGNAL CONTACT:

INSERTION FORCE = 2.0N MAX  
WITHDRAWAL FORCE = 0.2N MIN

### POWER CONTACT:

INSERTION FORCE = 8.0N MAX  
WITHDRAWAL FORCE = 0.5N MIN

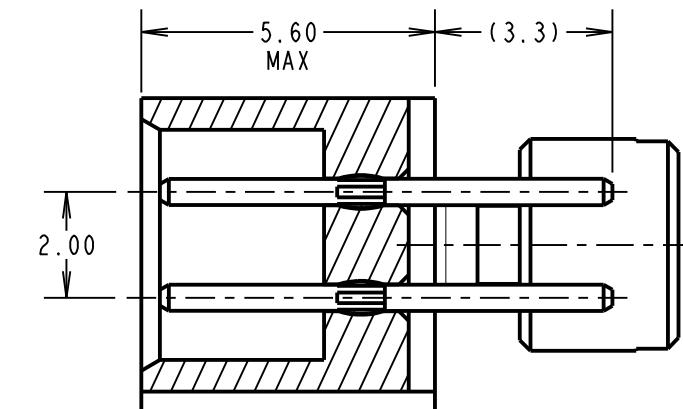
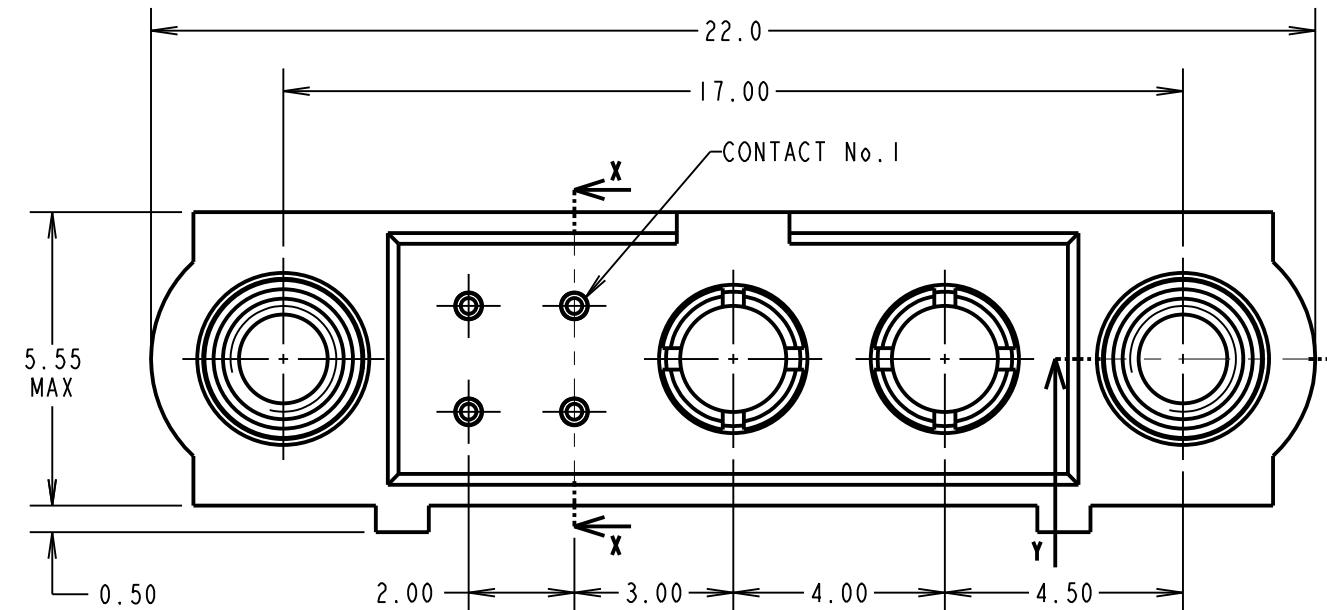
### ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

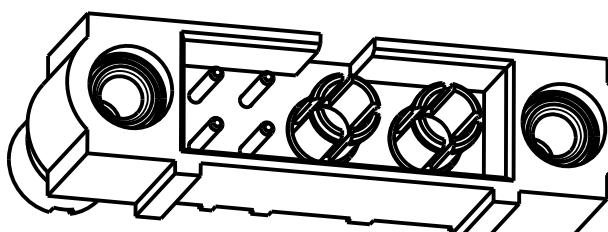
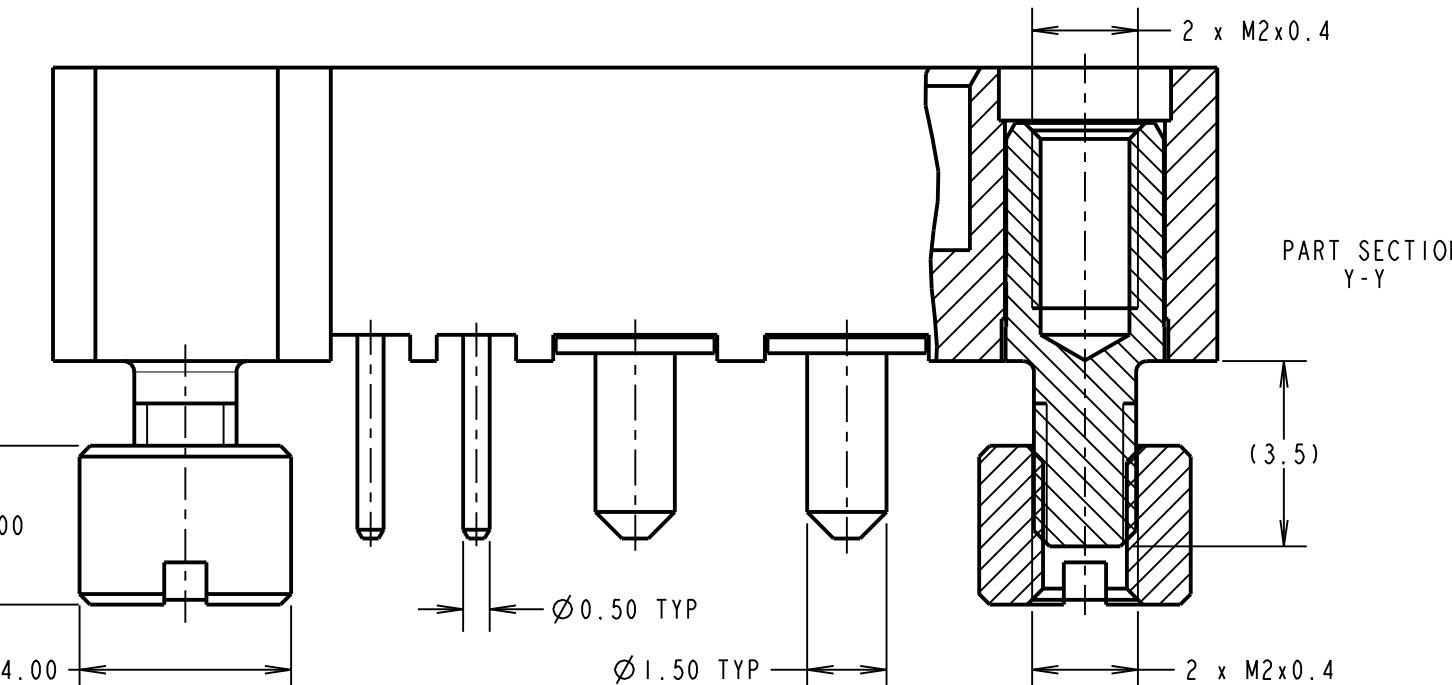
### PACKING:

TUBE

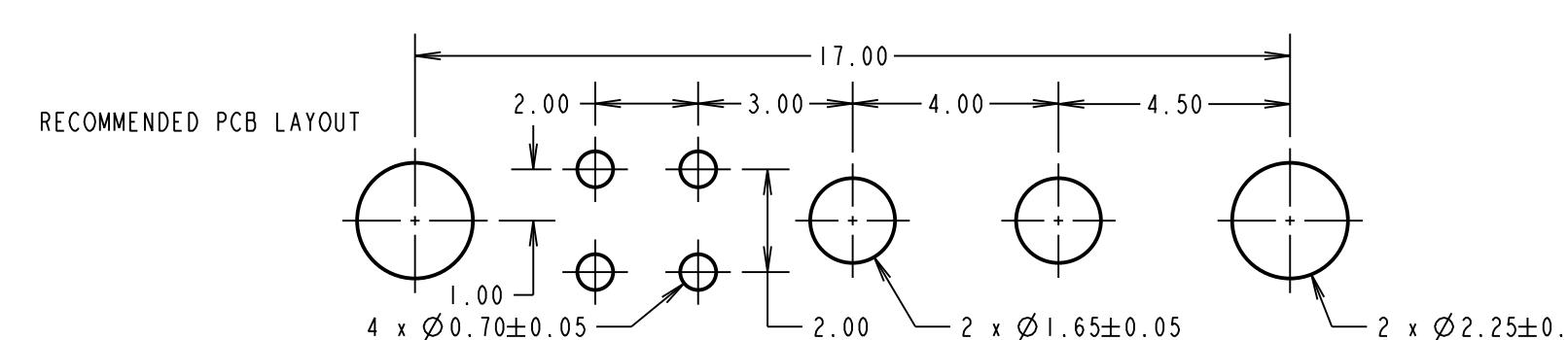
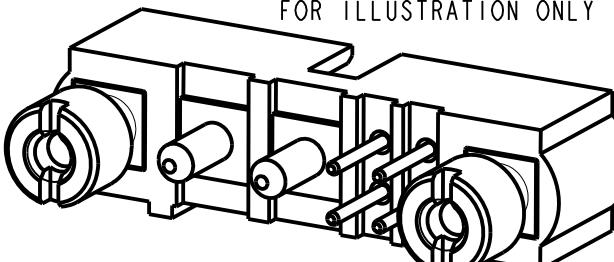
FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



SECTION X-X



COMPLETE ASSEMBLY SHOWN  
FOR ILLUSTRATION ONLY



|                      |      |          |        |
|----------------------|------|----------|--------|
| FM                   | 3    | 04.10.17 | 13269  |
| NAME                 | ISS. | DATE     | C/NOTE |
| APPROVED: F. MCGOWAN |      |          |        |
| CHECKED: M. PLESTED  |      |          |        |
| DRAWN: R. ADDE       |      |          |        |
| CUSTOMER REF.:       |      |          |        |
| ASSEMBLY DRG:        |      |          |        |

# HARWIN

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TOLERANCES  
X. =  $\pm 1$ mm  
X.X =  $\pm 0.50$ mm  
X.XX =  $\pm 0.10$ mm  
X.XXX =  $\pm 0.01$ mm  
ANGLES =  $\pm 5^\circ$   
UNLESS STATED

MATERIAL:  
SEE ABOVE  
FINISH: SEE ABOVE  
S/AREA: mm<sup>2</sup>

TITLE: DATAMATE MIX-TEK  
MALE ASSEMBLY WITH  
BOARD MOUNT JACKSCREW  
DRAWING NUMBER: M80-5T10405M2-02-331-00-000  
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