

# Customer Information Sheet

DRAWING No.: M7684-XX - M7687-XX

SHEET 2 OF 2

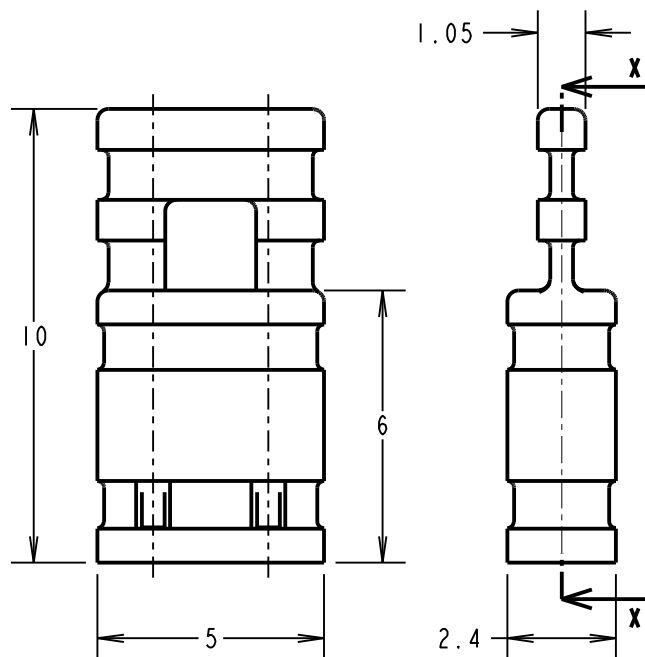
IF IN DOUBT - ASK

(C)

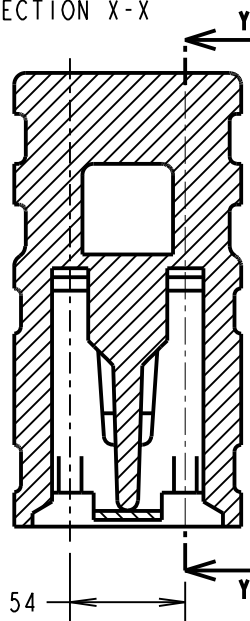
NOT TO SCALE

THIRD ANGLE PROJECTION

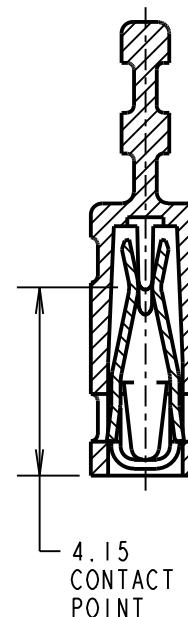
ALL DIMENSIONS IN mm



SECTION X-X



SECTION Y-Y



ORDER CODE:

**M768X-XX**

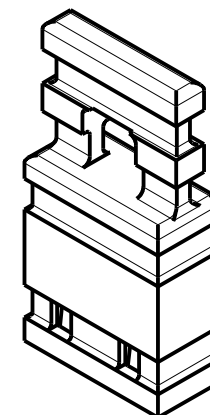
MOULDING COLOUR

4 - LT. GREY  
6 - BLACK

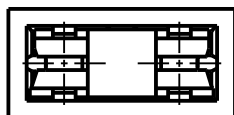
5 - RED  
7 - BLUE

CONTACT FINISH

05 - GOLD  
46 - 100% TIN



SCALE 5



## SPECIFICATIONS:

### MATERIAL:

MOULDING = POLYESTER UL94V-0  
(SEE ORDER CODE FOR COLOUR)

CONTACT = PHOSPHOR BRONZE

### FINISH:

05 = 0.13µ GOLD  
46 = 3µ 100% TIN

### MECHANICAL:

DURABILITY = 50 OPERATIONS (TIN)  
300 OPERATIONS (GOLD)

INSERTION FORCE = 14.5N MAX

WITHDRAWAL FORCE = 1.0N MIN

### ELECTRICAL:

CURRENT RATING = 3A MAX

VOLTAGE RATING = 250V AC/DC

VOLTAGE PROOF = 750V AC

CONTACT RESISTANCE = 30mΩ MAX (TIN)  
25mΩ MAX (GOLD)

INSULATION RESISTANCE = 1,000MΩ MIN

### ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +85°C

## NOTES:

- MATING PIN = 0.64mm SQUARE,  
MAXIMUM LENGTH = 5.6mm.
- FOR FULL ELECTRICAL/MECHANICAL  
SPECIFICATIONS, SEE COMPONENT  
SPECIFICATION C003XX (LATEST ISSUE).

# HARWIN

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## TOLERANCES

X. = ±1mm  
X.X = ±0.25mm  
X.XX = ±0.10mm  
X.XXX = ±0.01mm

ANGLES = ±5°  
UNLESS STATED

## MATERIAL:

SEE TABLE

FINISH: SEE TABLE

S/AREA:

mm<sup>2</sup>

## TITLE:

2.54mm PITCH  
CLOSED-BOX JUMPER SOCKET  
WITH HANDLE (10mm)

## DRAWING NUMBER:

**M7684-XX - M7687-XX**

SHT  
2  
OF 2

|                |      |              |        |
|----------------|------|--------------|--------|
| MSP            | 6    | 22.10.14     | 12634  |
| NAME           | ISS. | DATE         | C/NOTE |
| APPROVED:      |      | M.PERREN     |        |
| CHECKED:       |      | M.PLESTED    |        |
| DRAWN:         |      | W. J. BOURNE |        |
| CUSTOMER REF.: |      |              |        |
| ASSEMBLY DRG:  |      |              |        |