

Customer Information Sheet

DRAWING No.: M7684-XX - M7687-XX

SHEET 2 OF 2

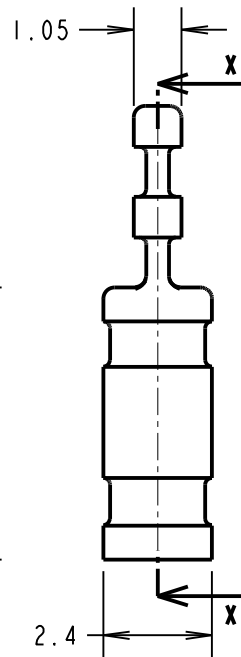
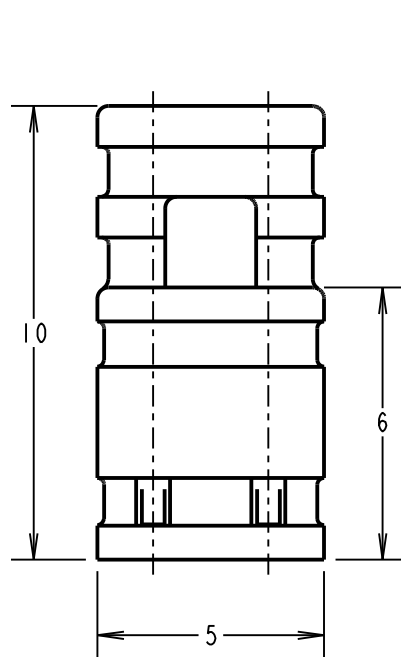
IF IN DOUBT - ASK

(C)

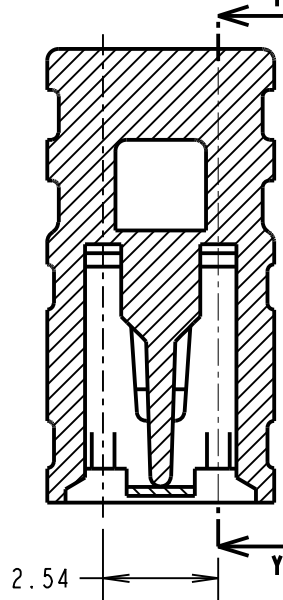
NOT TO SCALE

THIRD ANGLE PROJECTION

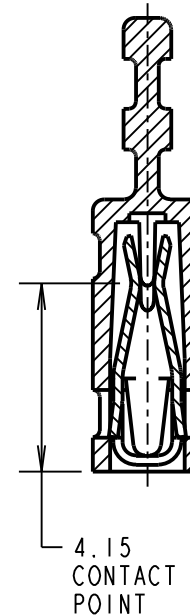
ALL DIMENSIONS IN mm



SECTION X-X



SECTION Y-Y



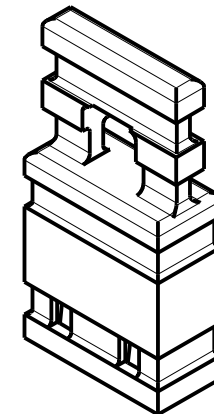
ORDER CODE: **M768X-XX**

MOULDING COLOUR

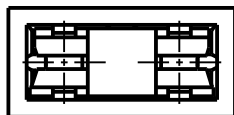
4 - LT. GREY	5 - RED
6 - BLACK	7 - BLUE

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).

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:			

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:

mm²

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

DRAWING NUMBER:
M7684-XX - M7687-XX

SHT
 2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Harwin:](#)

[M7684-05](#) [M7685-05](#) [M7686-05](#) [M7687-05](#) [M7684-46](#) [M7685-46](#) [M7686-46](#) [M7687-46](#)