

# Customer Information Sheet

DRAWING No.: M83-01300XX

SHEET 2 OF 2

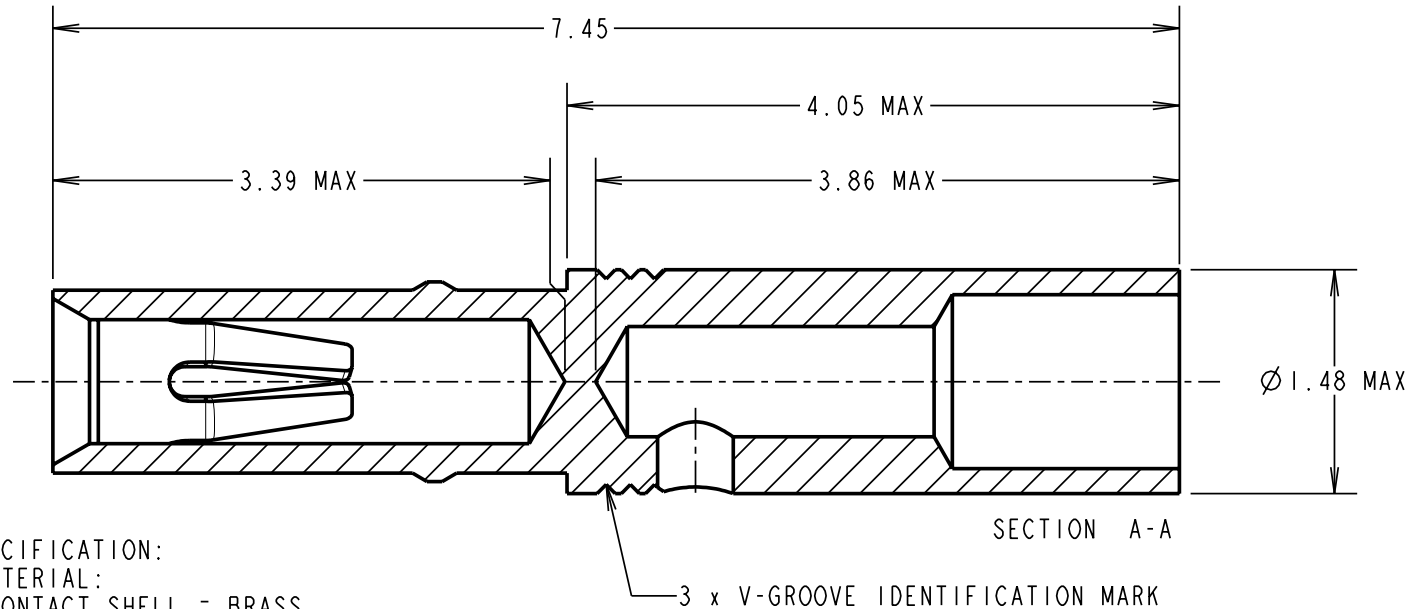
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

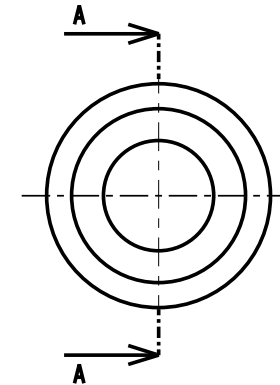
ALL DIMENSIONS IN mm



ORDER CODE:

**M83-01300XX**

FINISH:

01 = TIN SHELL/GOLD CLIP  
05 = GOLD SHELL/GOLD CLIP**SPECIFICATION:****MATERIAL:**

CONTACT SHELL = BRASS

CONTACT CLIP = BERYLLIUM COPPER

**FINISH:**

01 = 4µ 100% TIN SHELL, 0.3µ GOLD CLIP

05 = 0.28µ GOLD SHELL, 0.3µ GOLD CLIP

**MECHANICAL:**

INSERTION FORCE = 1.0N MAX, 0.3N MIN

WITHDRAWAL FORCE = 0.8N MAX, 0.2N MIN

DURABILITY = 500 OPERATIONS

**ENVIRONMENTAL:**

OPERATING TEMPERATURE = -55°C TO +125°C

**PACKING:**

BULK

FOR COMPLETE CONNECTOR SPECIFICATION, SEE  
COMPONENT SPECIFICATION C005XX (LATEST ISSUE)**NOTES:**

- SUITABLE FOR WIRE GAUGE 24, 26 & 28 AWG. MAXIMUM INSULATION DIAMETER Ø1.10mm, BS3G210 TYPE A WIRE RECOMMENDED. STRIP WIRE BY 2.00mm FOR CRIMPING.
- RECOMMENDED CRIMP TOOL = M22520/2-01, POSITIONER = T5747,
- FOR INSTRUCTIONS ON HAND CRIMP TOOL M22520/2-01, SEE INSTRUCTION SHEET IS-01.
- RECOMMENDED MATING PIN SIZE = Ø0.51-0.46mm.

RA	I	17.06.08	10058
NAME	ISS.	DATE	C/NOTE
APPROVED: R. ADDE			
CHECKED: M.G. PLESTED			
DRAWN: B. M. KENT			
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 ABOVE

FINISH: SEE ABOVE

S/AREA: mm<sup>2</sup>**TITLE:**DATAMATE  
LOW INSERTION FORCE CRIMP  
CONTACT ASSEMBLY (SMALL BORE)

DRAWING NUMBER:

**M83-01300XX**SHT  
2  
OF 2

# Mouser Electronics

Authorized Distributor

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

Harwin:

M83-0130005