

# Customer Information Sheet

DRAWING No.: M80-01900XX

SHEET 2 OF 2

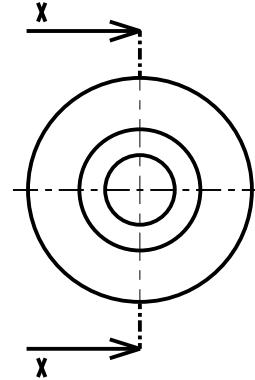
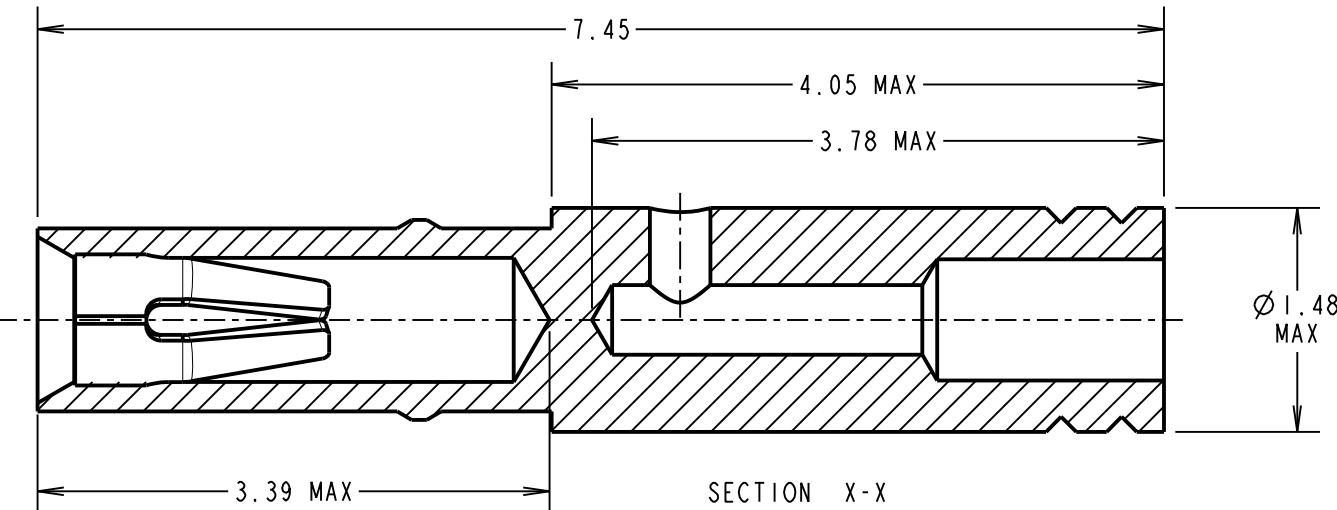
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



## SPECIFICATION:

### MATERIAL:

CONTACT SHELL = BRASS

CONTACT CLIP = BERYLLIUM COPPER

### FINISH:

01 = 3.5 - 5.0 $\mu$  100% TIN OVER NICKEL SHELL, 0.3 $\mu$  GOLD CLIP

05 = 0.28 $\mu$  GOLD SHELL, 0.3 $\mu$  GOLD CLIP

### MECHANICAL:

INSERTION FORCE = 2.8N MAX, 1.0N MIN

WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

DURABILITY = 500 OPERATIONS

### ENVIRONMENTAL:

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

### PACKING:

BULK

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

ORDER CODE:

**M80-01900XX**

FINISH:

01 - GOLD CLIP, 100% TIN OVER NICKEL SHELL

05 - GOLD CLIP, GOLD SHELL

SB	2	26.01.12	11637
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: S. MCCULLAGH			
CUSTOMER REF.:			
ASSEMBLY DRG:			

### NOTES:

1. SUITABLE FOR WIRE GAUGE 28, 30 & 32 AWG. MAXIMUM INSULATION DIAMETER Ø 0.75mm, BS3G210 TYPE A WIRE AND MIL-W-16878 TYPE ET WIRE ARE RECOMMENDED.  
STRIP WIRE BY 2.00mm FOR CRIMPING.
2. RECOMMENDED CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO INSTRUCTION SHEET IS-01 FOR CRIMPING INSTRUCTIONS.
3. RECOMMENDED MATING PIN SIZE = Ø 0.51-0.46mm.

**HARWIN**

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TOLERANCES  
X. =  $\pm 1$ mm  
X.X =  $\pm 0.25$ 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: CRIMP SOCKET CONTACT ASSEMBLY (EXTRA SMALL BORE)  
DRAWING NUMBER:  
**M80-01900XX**  
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