

Customer Information Sheet

DRAWING No.: H8501-XX

SHEET 2 OF 2

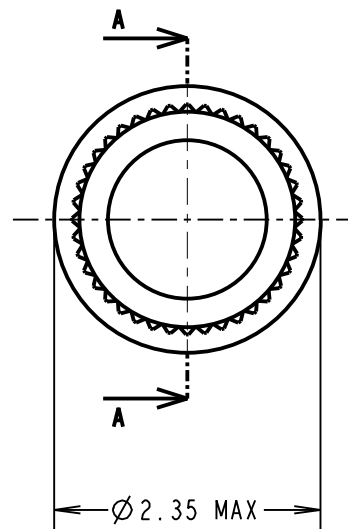
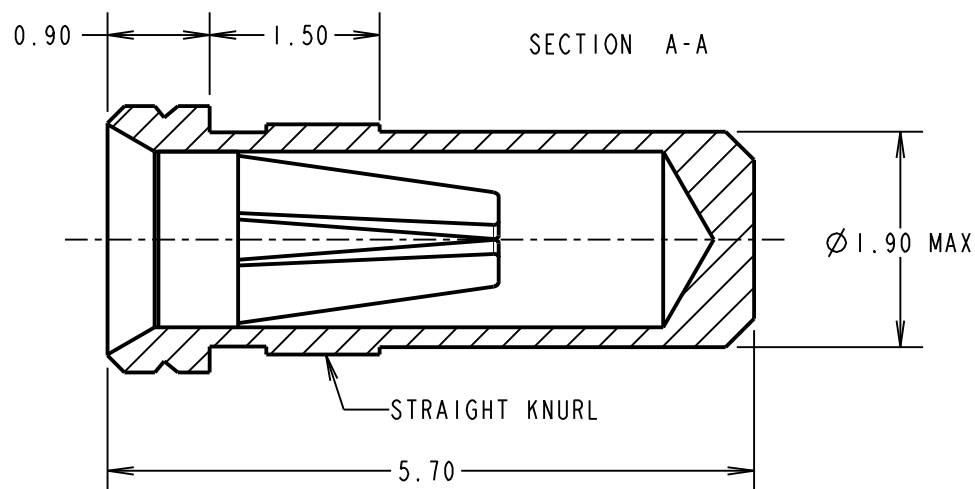
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

H8501-XX

FINISH:

01 = 100% TIN SHELL, GOLD CLIP
05 = GOLD SHELL, GOLD CLIP
46 = 100% TIN SHELL, 100% TIN CLIP

SPECIFICATION:

MATERIAL:

CONTACT SHELL = BRASS

CONTACT CLIP = BERYLLIUM COPPER

FINISH:

01 = 4 μ 100% TIN SHELL, 0.15 μ GOLD CLIP05 = 0.1 μ GOLD SHELL, 0.15 μ GOLD CLIP46 = 4 μ 100% TIN SHELL, 3 μ 100% TIN CLIP

ELECTRICAL:

CURRENT RATING AT 25°C = 10A MAX

CURRENT RATING AT 85°C = 7.5A MAX

CONTACT RESISTANCE = 25 m Ω MAX

MECHANICAL:

INSERTION FORCE ($\varnothing$ 0.8mm GAUGE) = 5N MAX, 1.5N MINWITHDRAWAL FORCE ($\varnothing$ 0.8mm GAUGE) = 3.0N MAX, 1.0N MIN

DURABILITY:

01, 05 = 1000 OPERATIONS

46 = 100 OPERATIONS

ENVIRONMENTAL:

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

PACKING:

BAG

NOTES:

1. FOR ELECTRICAL/MECHANICAL SPECIFICATION, SEE COMPONENT SPECIFICATION C010XX (LATEST ISSUE).
2. MAXIMUM PIN LENGTH = 4.65mm.
3. RECOMMENDED MOUNTING HOLE SIZE = $\varnothing$ 1.96-1.91mm.
4. RECOMMENDED MATING PIN SIZE = $\varnothing$ 0.85-0.60mm.
5. MAXIMUM CONTACT DEPTH = 3.30mm.
6. SOCKET MUST BE SOLDERED TO PCB TO ENSURE ELECTRICAL CONNECTION.

MSP	14	12.10.15	13128
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		A. J. FILLINGHAM	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES

X. = $\pm$ 1mm
X.X = $\pm$ 0.50mm
X.XX = $\pm$ 0.10mm
X.XXX = $\pm$ 0.01mm

ANGLES = $\pm$ 5°
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

 $\varnothing$ 0.8mm SOCKET ASSEMBLY

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