

Customer Information Sheet

DRAWING No.: H3182-XX

SHEET 2 OF 2

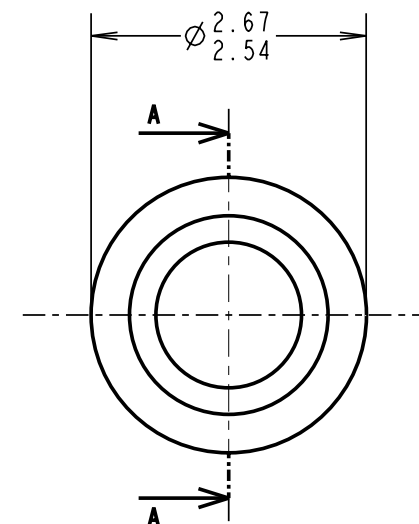
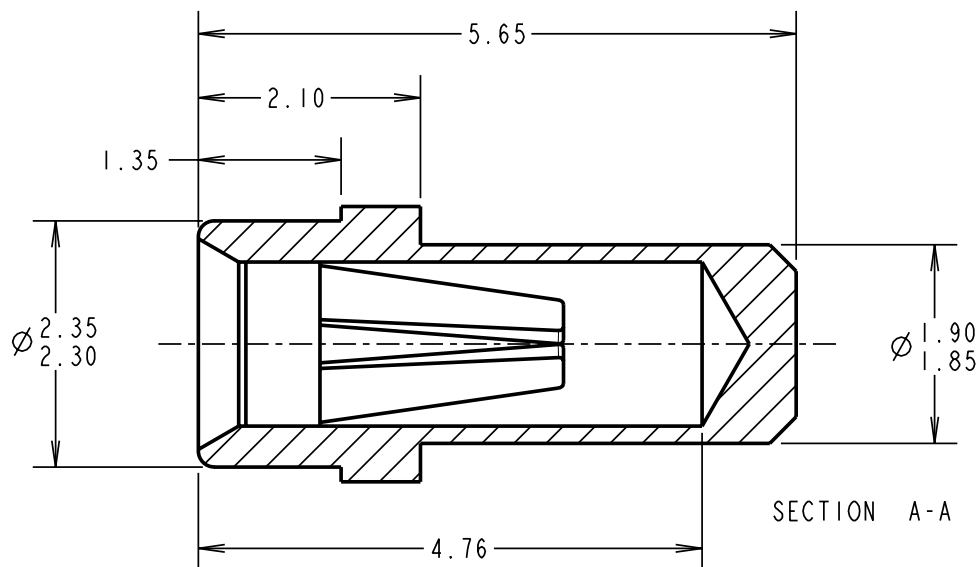
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**SPECIFICATION:****MATERIAL:**

CONTACT SHELL = BRASS

CONTACT CLIP = BERYLLIUM COPPER

FINISH:01 = 4 μ 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 MILLIOHMS MAX

MECHANICAL:INSERTION FORCE ($\varnothing$ 1mm GAUGE) = 9N MAX, 3N MINWITHDRAWAL FORCE ($\varnothing$ 1mm GAUGE) = 3N MAX, 1N MIN**DURABILITY:**

01, 05 = 1000 OPERATIONS

46 = 100 OPERATIONS

ENVIRONMENTAL:

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

NOTES:

1. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C009XX (LATEST ISSUE).
2. MAXIMUM CONTACT DEPTH = 3.55mm.
3. RECOMMENDED MOUNTING HOLE SIZE = $\varnothing$ 2.01-1.91mm.
4. RECOMMENDED PIN SIZE = $\varnothing$ 1.05-0.90mm.
5. MAXIMUM PIN LENGTH = 4.85mm.

ORDER CODE:

H3182-XX

FINISH:

01 = TIN SHELL, GOLD CLIP

05 = GOLD SHELL, GOLD CLIP

46 = 100% TIN SHELL & TIN CLIP

RA	9	11.02.09	10286
NAME	ISS.	DATE	C/NOTE
APPROVED:		R. ADDE	
CHECKED:			
DRAWN:		I. SANDY	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES

X. = $\pm$ 1mm
X.X = $\pm$ 0.25mm
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:** $\varnothing$ 1.00mm SOCKET ASSEMBLY

DRAWING NUMBER:

H3182-XXSHT
2
OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[H3182-05](#) [H3182-01](#) [H3182-46](#)