

# Customer Information Sheet

DRAWING No.: H3155-XX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

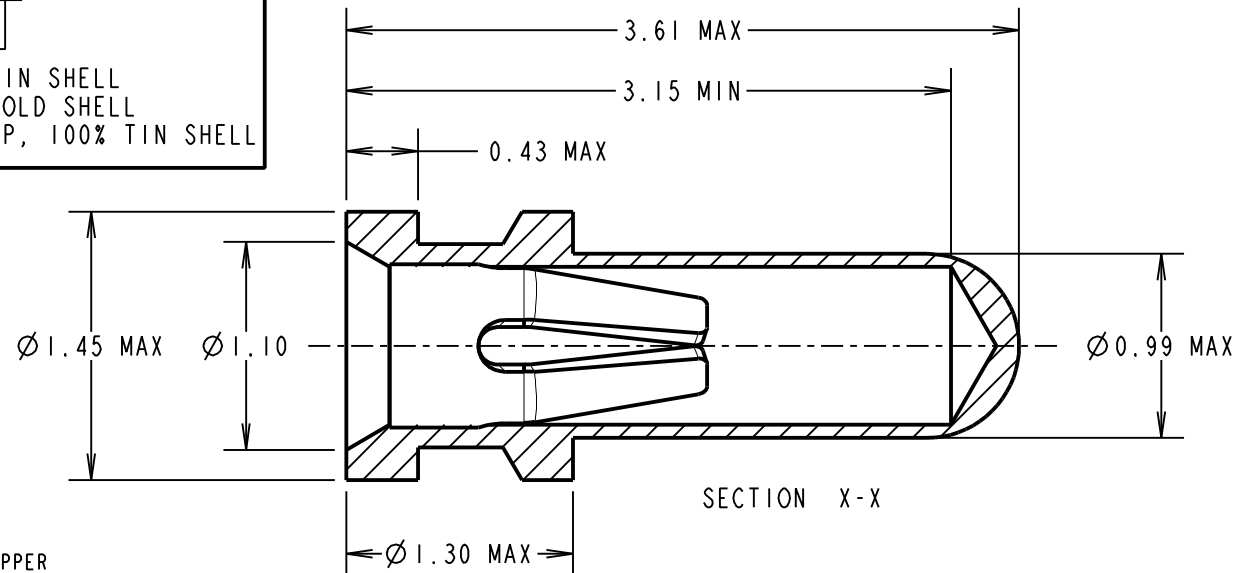
ALL DIMENSIONS IN mm

ORDER CODE:

**H3155-XX**

FINISH:

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



**SPECIFICATION:**

**MATERIAL:**

CONTACT SHELL = BRASS

CONTACT CLIP = BERYLLIUM COPPER

**FINISH:**

01 = 0.1μ GOLD CLIP, 4μ TIN SHELL

05 = 0.1μ GOLD CLIP, 0.13μ GOLD SHELL

46 = 2.4μ 100% TIN CLIP, 4μ 100% TIN SHELL

**ELECTRICAL:**

CURRENT RATING AT 25°C = 2A MAX

CURRENT RATING AT 85°C = 1.75A MAX

CONTACT RESISTANCE (INITIAL) = 15mΩ MAX

CONTACT RESISTANCE (AFTER CONDITIONING) = 25mΩ MAX

**MECHANICAL:**

INSERTION FORCE (Ø0.05mm GAUGE) = 6N MAX, 2N MIN (Ø0.05mm GAUGE)

WITHDRAWAL FORCE (Ø0.05mm GAUGE) = 1.5N MIN, 0.5N MIN (Ø0.05 GAUGE)

DURABILITY - 01, 05 FINISH = 500 OPERATIONS

46 FINISH = 50 OPERATIONS

**ENVIRONMENTAL:**

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

FOR COMPLETE SPECIFICATION, SEE COMPONENT

SPECIFICATION C006XX (LATEST ISSUE)

**NOTES:**

1. RECOMMENDED PIN LENGTH = 3.15mm MAX.
2. RECOMMENDED MOUNTING HOLE SIZE = Ø1.00-1.10mm.
3. RECOMMENDED PIN SIZE = Ø0.46-0.51mm.
4. CONTACT DEPTH = 2.30mm MAX

|                |      |           |        |
|----------------|------|-----------|--------|
| MSP            | II   | 04.11.14  | 12661  |
| NAME           | ISS. | DATE      | C/NOTE |
| APPROVED:      |      | M.PERREN  |        |
| CHECKED:       |      | M.PLESTED |        |
| DRAWN:         |      | M.PERREN  |        |
| CUSTOMER REF.: |      |           |        |
| ASSEMBLY DRG:  |      |           |        |

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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:**

SUB-MINATURE  
SOCKET ASSEMBLY

**DRAWING NUMBER:**

**H3155-XX**

SHT  
2  
OF  
2

# Mouser Electronics

Authorized Distributor

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Harwin:

[H3155-05](#) [H3155-01](#)