

# Customer Information Sheet

DRAWING No.: H3175-XX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

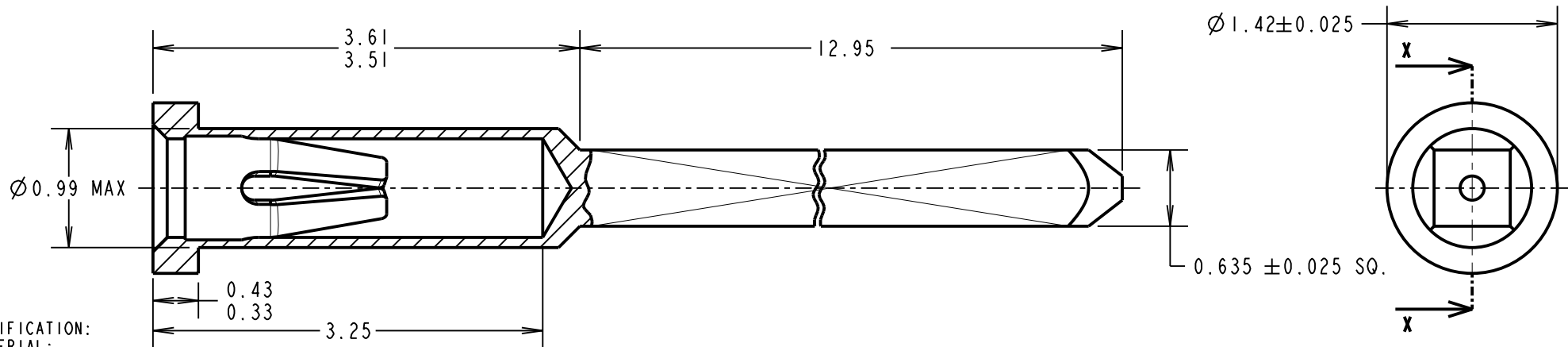
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**NOTES:**

1. MAXIMUM CONTACT DEPTH = 2.16mm.
2. RECOMMENDED HOLE SIZE =  $\varnothing 1.10/1.00$ mm
3. RECOMMENDED PIN SIZE =  $\varnothing 0.53-0.41$ mm.
4. MAXIMUM PIN LENGTH = 3.15mm.

PART SECTION X-X



**SPECIFICATION:**

**MATERIAL:**

CONTACT SHELL = BRASS  
CONTACT CLIP = BERYLLIUM COPPER

**FINISH (OVER NICKEL):**

- 01 = 0.05-0.10 $\mu$  GOLD CLIP, 4 $\mu$  100% TIN SHELL
- 05 = 0.05-0.10 $\mu$  GOLD CLIP, 0.13 $\mu$  GOLD SHELL
- 46 = 1.3 $\mu$  100% TIN CLIP, 4 $\mu$  100% TIN SHELL

**ELECTRICAL:**

CURRENT RATING AT = 2 AMPS MAX  
CONTACT RESISTANCE (INITIAL) = 10 MILLIOHMS MAX

**MECHANICAL:**

INSERTION FORCE ( $\varnothing 0.5$ mm GAUGE) = 6N MAX  
WITHDRAWAL FORCE ( $\varnothing 0.5$ mm GAUGE) =  $\varnothing 0.5$ N MIN

**DURABILITY:**

- 01, 05 = 500 OPERATIONS
- 46 = 50 OPERATIONS

**ENVIRONMENTAL:**

OPERATING TEMPERATURE = -55°C TO +125°C  
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C006XX (LATEST ISSUE).

ORDER CODE:

**H3175-XX**

FINISH:

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

|                      |      |          |        |
|----------------------|------|----------|--------|
| FM                   | 8    | 18.12.17 | 20852  |
| NAME                 | ISS. | DATE     | C/NOTE |
| APPROVED: F. MCGOWAN |      |          |        |
| CHECKED: M. PLESTED  |      |          |        |
| DRAWN: J. CLAY       |      |          |        |
| CUSTOMER REF.:       |      |          |        |
| ASSEMBLY DRG:        |      |          |        |

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**TOLERANCES**

- X. =  $\pm 1$ mm
- X.X =  $\pm 0.50$ 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:**

SUB MINIATURE SOCKET ASSY  
WIRE WRAP (3 LEVEL)

**DRAWING NUMBER:**

**H3175-XX**

SHT  
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