

Customer Information Sheet

DRAWING No.: H3175-XX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

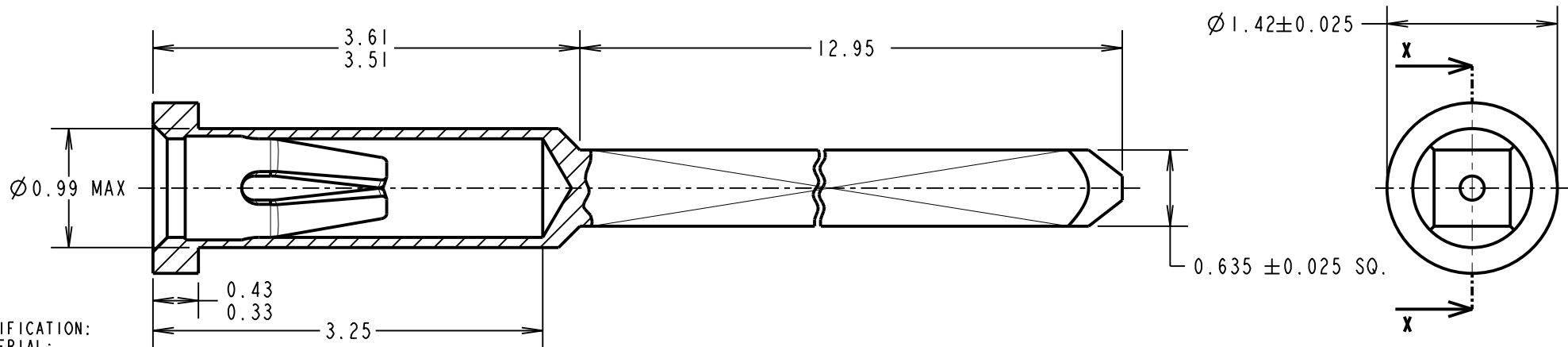
THIRD ANGLE PROJECTION

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 μ GOLD CLIP, 4 μ 100% TIN SHELL
- 05 = 0.05-0.10 μ GOLD CLIP, 0.13 μ GOLD SHELL
- 46 = 1.3 μ 100% TIN CLIP, 4 μ 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:			

HARWIN

www.harwin.com
technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

TOLERANCES

- X. = ± 1 mm
- X.X = ± 0.50 mm
- X.XX = ± 0.10 mm
- X.XXX = ± 0.01 mm
- ANGLES = $\pm 5^\circ$
- UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

SUB MINIATURE SOCKET ASSY
WIRE WRAP (3 LEVEL)

DRAWING NUMBER:

H3175-XX

SHT
2 OF 2