

Customer Information Sheet

DRAWING No.: H3175-XX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

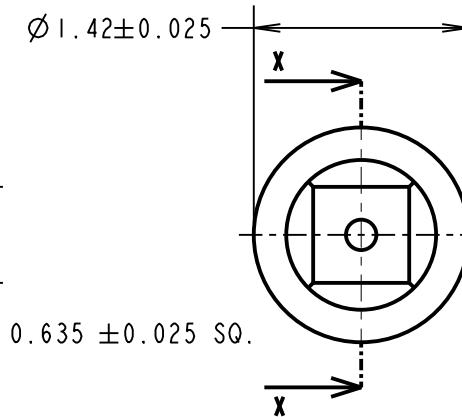
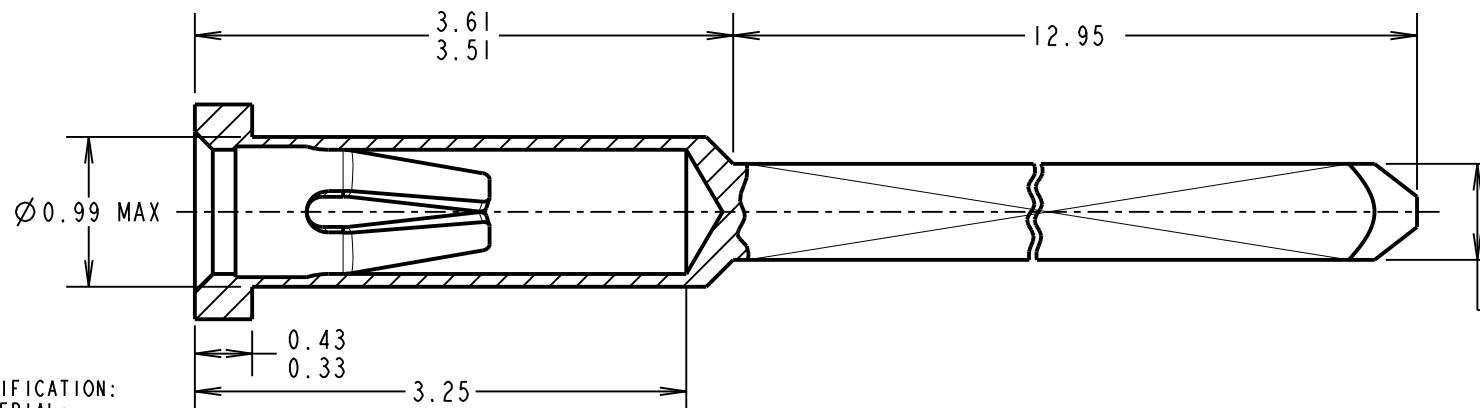
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

NOTES:

1. MAXIMUM CONTACT DEPTH = 2.16mm.
2. RECOMMENDED HOLE SIZE = $\phi 1.10/1.00$ mm
3. RECOMMENDED PIN SIZE = $\phi 0.53-0.41$ 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 SHELL05 = 0.05-0.10 μ GOLD CLIP, 0.13 μ GOLD SHELL46 = 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 ($\phi 0.5$ mm GAUGE) = 6N MAXWITHDRAWAL FORCE ($\phi 0.5$ mm GAUGE) = $\phi 0.5$ 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).**HARWIN**

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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

TITLE:

SUB MINIATURE SOCKET ASSY
WIRE WRAP (3 LEVEL)

FINISH: SEE ABOVE

S/AREA: mm²

DRAWING NUMBER:

H3175-XX

SHT

2 OF 2

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: