

Customer Information Sheet

DRAWING No.: H3190-XX

SHEET 2 OF 2

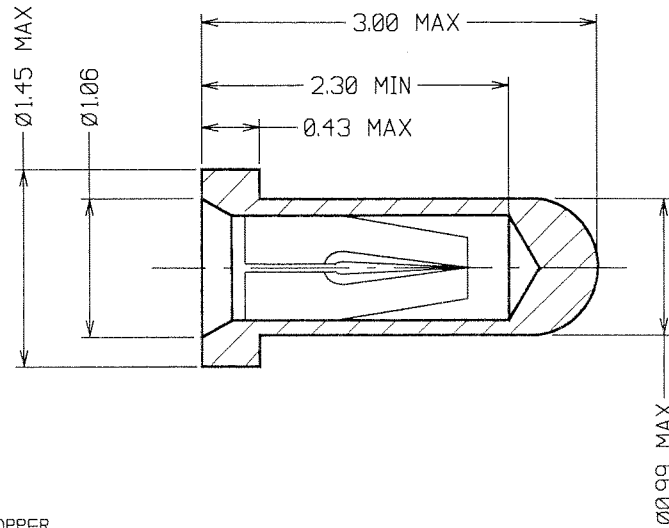
IF IN DOUBT - ASK

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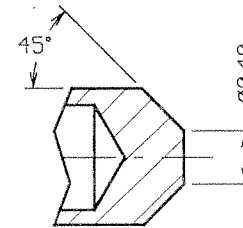
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:
H3190-XX
 FINISH: _____
 01 = GOLD CLIP, TIN SHELL
 05 = GOLD CLIP, GOLD SHELL
 46 = 100% TIN CLIP, 100% TIN SHELL



ALTERNATIVE END FORM (SEE NOTE 4)

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 = 1.3µ 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) = 15 MILLIOHMS MAX
 CONTACT RESISTANCE (AFTER CONDITIONING) = 25 MILLIOHMS MAX

MECHANICAL:

INSERTION FORCE (INITIAL) = 6N MAX, 2N MIN (Ø0.5mm GAUGE)
 WITHDRAWAL FORCE (INITIAL) = 1.5N MAX, 0.5N MIN (Ø0.5mm GAUGE)
 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)

NOTES:

1. RECOMMENDED PIN LENGTH = 2.40-2.30mm.
2. RECOMMENDED MOUNTING HOLE = Ø1.10-1.00mm.
3. RECOMMENDED PIN SIZE = Ø0.51-0.46mm.
4. FULL RADIUS OR CHAMFERED END FORM WILL BE SUPPLIED DEPENDING ON PRODUCTION BATCH.

MGP	6	13.06.07	9785
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN: I SANDY			
CUSTOMER REF.:			
ASSEMBLY DRG.:			

HARWIN

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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: mm²

TITLE:
 SUB-MINIATURE SOCKET ASSEMBLY
DRAWING NUMBER:
 H3190-XX
 SHT 2 OF 2