

# Customer Information Sheet

DRAWING No. H3192-XX

SHEET 2 OF 2

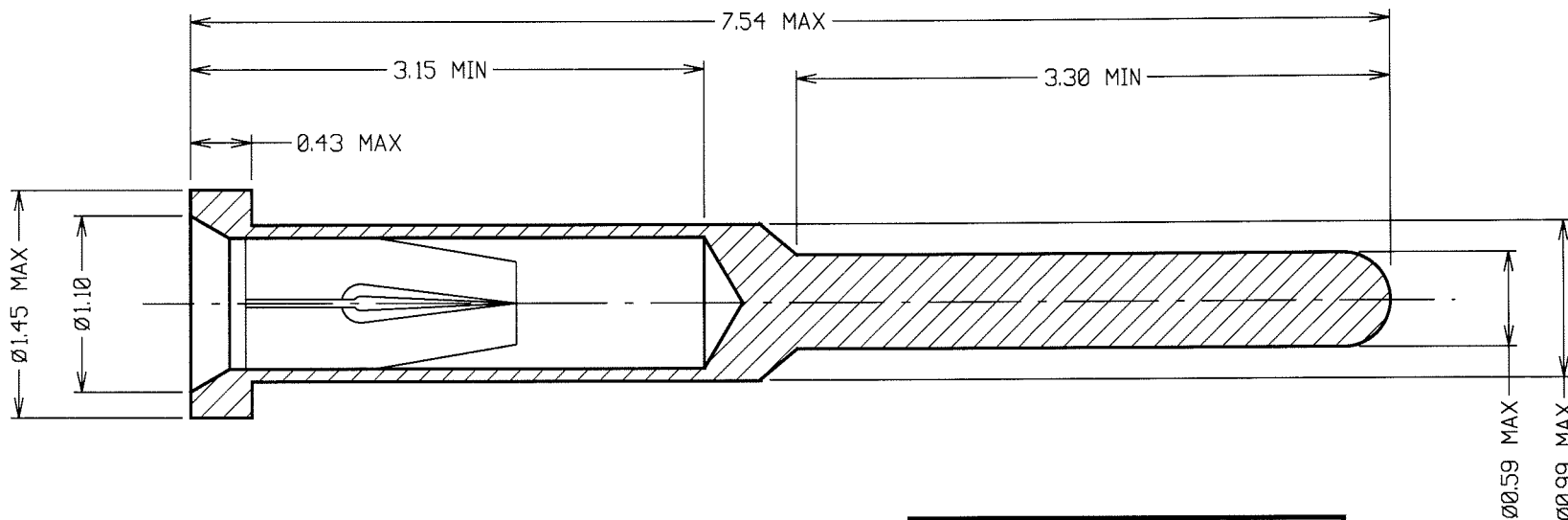
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATION:**

**MATERIAL:**

CONTACT SHELL - BRASS  
CONTACT CLIP - BERYLLIUM COPPER

**FINISH:**

01 - 0.1 $\mu$  GOLD CLIP, 4 $\mu$  TIN SHELL  
05 - 0.1 $\mu$  GOLD CLIP, 0.13 $\mu$  GOLD SHELL  
46 - 1.3 $\mu$  100% TIN CLIP, 4 $\mu$  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 ( $\varnothing 0.5$ mm GAUGE)  
WITHDRAWAL FORCE (INITIAL) = 1.5N MIN, 0.5N MIN ( $\varnothing 0.5$ mm 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).

ORDER CODE:

**H3192-XX**

FINISH:

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

**NOTES:**

1. RECOMMENDED PIN LENGTH = 2.40-2.30mm.
2. RECOMMENDED MOUNTING HOLE SIZE =  $\varnothing 1.10$ -1.00mm.
3. RECOMMENDED PIN SIZE =  $\varnothing 0.51$ - $\varnothing 0.46$ mm.

JMB	3	12.07.05	8627
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN: J CLAY			
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

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**TOLERANCES**  
X. =  $\pm 1$ mm  
X.X =  $\pm 0.25$ 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 ASSEMBLY  
**DRAWING NUMBER:**  
**H3192-XX**

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