

# Customer Information Sheet

DRAWING No.: H3161-XX

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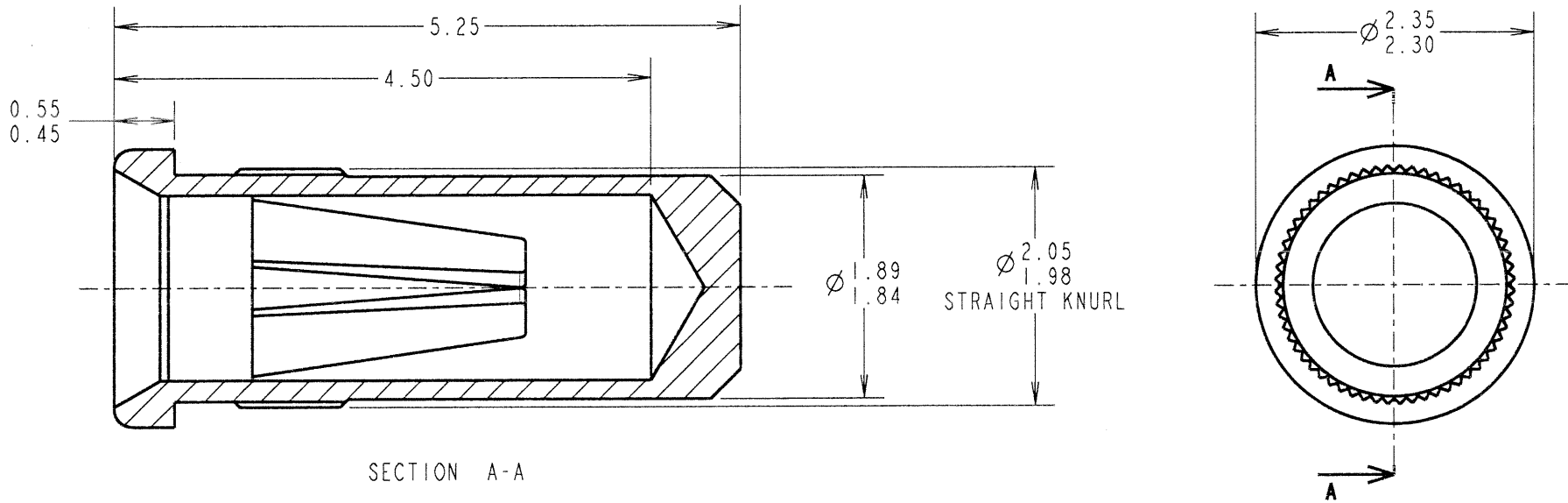
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SECTION A-A

**SPECIFICATION:**

**MATERIAL:**  
 CONTACT SHELL = BRASS  
 CONTACT CLIP = BERYLLIUM COPPER

**FINISH:**  
 01 = 4μ TIN SHELL, 0.15μ GOLD CLIP  
 05 = 0.1μ GOLD SHELL, 0.15μ GOLD CLIP  
 46 = 4μ 100% TIN SHELL, 3μ 100% TIN CLIP

**ELECTRICAL:**  
 CURRENT RATING AT 25°C = 10A MAX  
 CURRENT RATING AT 85°C = 7.5A MAX  
 CONTACT RESISTANCE = 25 MILLIOHMS MAX

**MECHANICAL:**  
 INSERTION FORCE (∅1mm GAUGE) = 9N MAX, 3N MIN  
 WITHDRAWAL FORCE (∅1mm GAUGE) = 3N MAX, 1N MIN

**DURABILITY:**  
 01, 05 = 1000 OPERATIONS  
 46 = 100 OPERATIONS

**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE = -55°C TO +125°C

**NOTES:**

- FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C009XX (LATEST ISSUE).
- MAXIMUM CONTACT DEPTH = 3.55mm.
- RECOMMENDED MOUNTING HOLE SIZE = ∅1.96-1.91mm.
- RECOMMENDED PIN SIZE = ∅1.05-0.90mm.
- MAXIMUM PIN LENGTH = 4.60mm.

ORDER CODE	FINISH
H3161-01	TIN SHELL, GOLD CLIP
H3161-05	GOLD SHELL, GOLD CLIP
H3161-46	100% TIN SHELL AND CLIP

JMB	19	15.09.06	9441
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN:		I. SANDY	
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

HARWIN INC U.S.A. TEL: (812) 542 2540 FAX: (812) 542 2541	HARWIN PLC U.K. TEL: 023 9231 4545 FAX: 023 9231 4590	HARWIN PTE SINGAPORE TEL: 65 6779 4909 FAX: 65 6779 3868
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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:**  
 mm<sup>2</sup>

**TITLE:**  
 ∅1.00mm SOCKET ASSEMBLY

**DRAWING NUMBER:**  
 H3161-XX

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