

Customer Information Sheet

DRAWING No.: H3183-XX

SHEET 2 OF 2

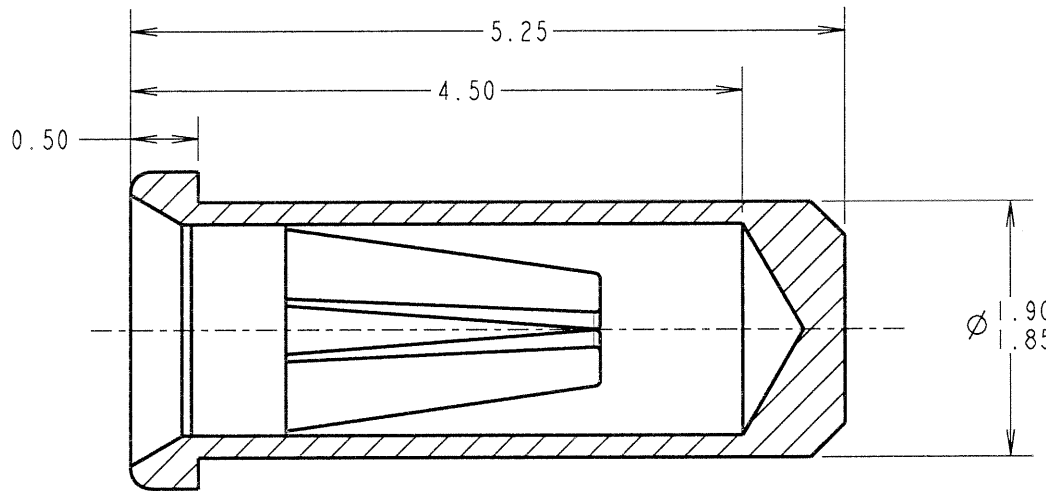
IF IN DOUBT - ASK

©

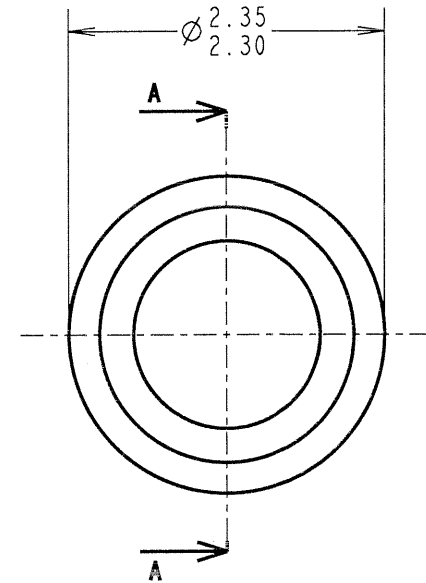
NOT TO SCALE

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, IN MIN

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

ENVIRONMENTAL:
 OPERATING TEMPERATURE = -40°C TO +105°C

NOTES:

- FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C009XX (LATEST ISSUE).
- MAXIMUM CONTACT DEPTH = 3.55mm.
- RECOMMENDED MOUNTING HOLE SIZE = ∅2.01-1.91mm.
- RECOMMENDED PIN SIZE = ∅1.05-0.90mm.
- MAXIMUM PIN LENGTH = 4.60mm.

ORDER CODE:

H3183-XX

FINISH:

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

JMB	8	09.03.06	9079
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
--	--	---

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. = ±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:
 ∅1.00mm SOCKET ASSEMBLY

DRAWING NUMBER:
H3183-XX
 SHT 2 OF 2