

Customer Information Sheet

DRAWING No.: H3165-XX

SHEET 2 OF 2

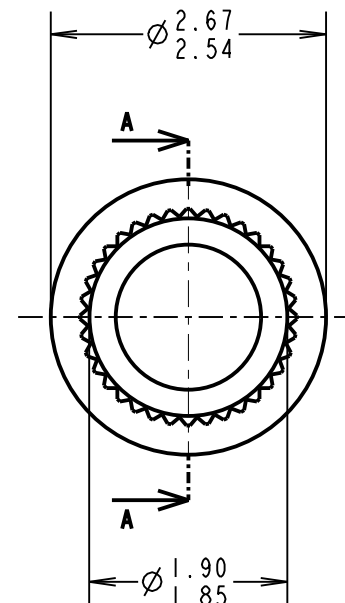
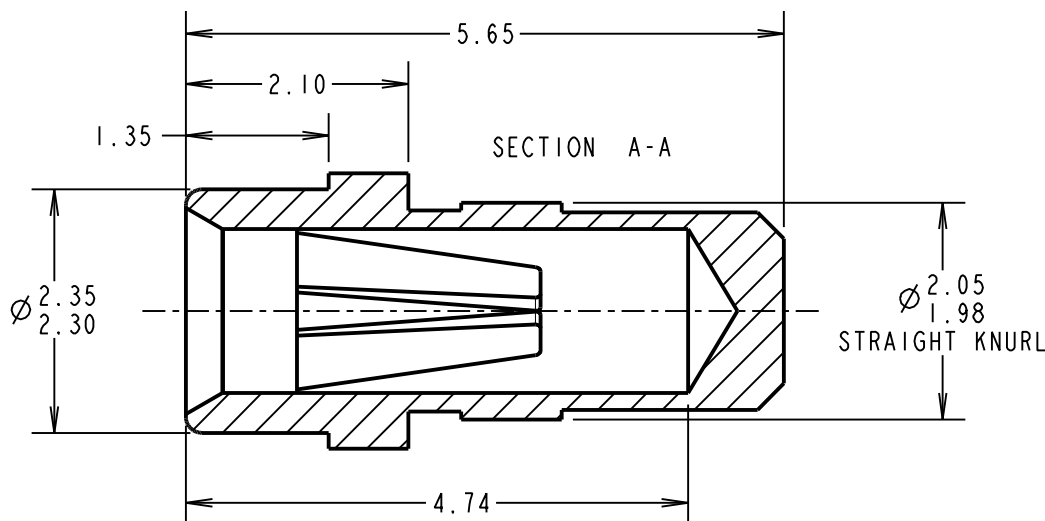
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



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 (Ø1mm GAUGE) = 9N MAX, 3N MIN

WITHDRAWAL FORCE (Ø1mm GAUGE) = 3N MAX, 1N MIN

DURABILITY:

01, 05 = 1000 OPERATIONS

46 = 100 OPERATIONS

ENVIRONMENTAL:

OPERATING TEMPERATURE = -55°C TO +125°C

ORDER CODE:

H3165-XX

FINISH:

01 = TIN SHELL, GOLD CLIP

05 = GOLD SHELL, GOLD CLIP

46 = 100% TIN SHELL & TIN CLIP

NOTES:

- FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C009XX (LATEST ISSUE).
- MAXIMUM CONTACT DEPTH = 3.55mm.
- RECOMMENDED MOUNTING HOLE SIZE = Ø1.96-1.91mm.
- RECOMMENDED PIN SIZE = Ø1.05-0.90mm.
- MAXIMUM PIN LENGTH = 4.85mm.
- SOCKET MUST BE SOLDERED TO PCB TO ENSURE ELECTRICAL CONNECTION.

MSP	19	12.10.15	13128
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		I. SANDY	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

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 = ±0.50mm
X.XX = ±0.10mm
X.XXX = ±0.01mm

ANGLES = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

Ø1.00mm SOCKET ASSEMBLY

DRAWING NUMBER:

H3165-XX

SHT
2
OF 2