

Customer Information Sheet

DRAWING No.: H8504-XX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

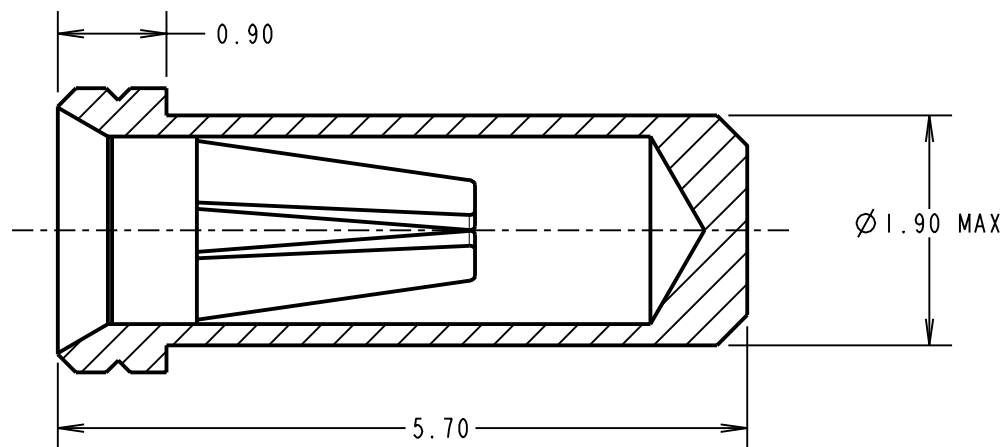
ALL DIMENSIONS IN mm

ORDER CODE:

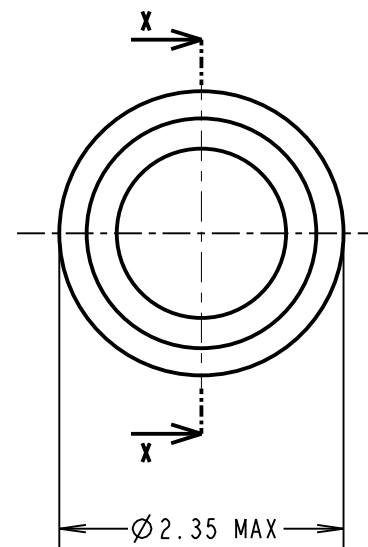
H8504-XX

FINISH:

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



SECTION X-X



SPECIFICATION:

MATERIAL:

CONTACT SHELL = BRASS

CONTACT CLIP = BERYLLIUM COPPER

FINISH:

01 = 4μ 100% 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 mΩ MAX

MECHANICAL:

INSERTION FORCE (Ø0.8mm GAUGE) = 5N MAX, 1.5N MIN

WITHDRAWAL FORCE (Ø0.8mm GAUGE) = 3.0N MAX, 1.0N MIN

DURABILITY:

01, 05 = 1000 OPERATIONS

46 = 100 OPERATIONS

ENVIRONMENTAL:

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

PACKING:

BAG

NOTES:

1. FOR ELECTRICAL/MECHANICAL SPECIFICATION, SEE COMPONENT SPECIFICATION C010XX (LATEST ISSUE).
2. MAXIMUM PIN LENGTH = 4.65mm.
3. RECOMMENDED MOUNTING HOLE SIZE = Ø2.01-1.91mm.
4. RECOMMENDED MATING PIN SIZE = Ø0.85-0.60mm.
5. MAXIMUM CONTACT DEPTH = 3.30mm.

SM	12	16.06.10	10837
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
DRAWN: A. J. FILLINGHAM			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg
--	--	--

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:

Ø0.8mm SOCKET ASSEMBLY

DRAWING NUMBER:

H8504-XXSHT
2 OF 2