

Customer Information Sheet

DRAWING No.: H8504-XX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

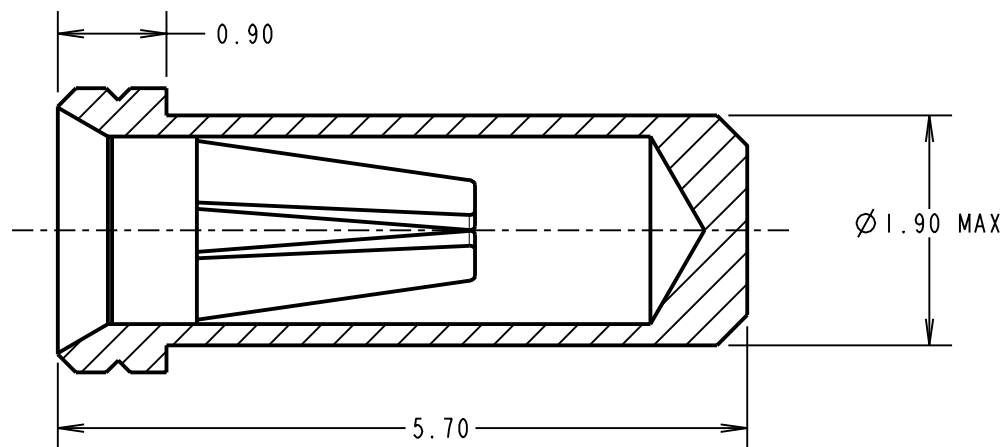
ALL DIMENSIONS IN mm

ORDER CODE:

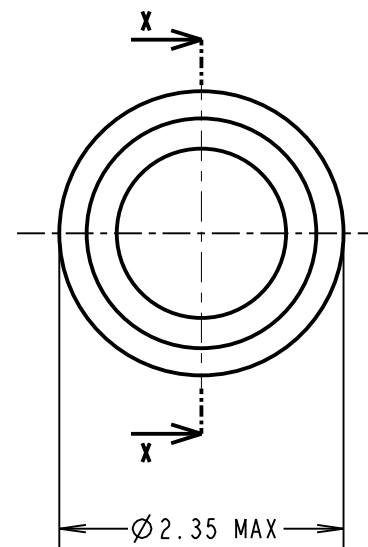
H8504-XX

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
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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:

mm²

TITLE:

Ø0.8mm SOCKET ASSEMBLY

DRAWING NUMBER:

H8504-XXSHT
2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[H8504-01](#) [H8504-05](#) [H8504-46](#)