

Customer Information Sheet

DRAWING No.: H3490-XX

SHEET 2 OF 2

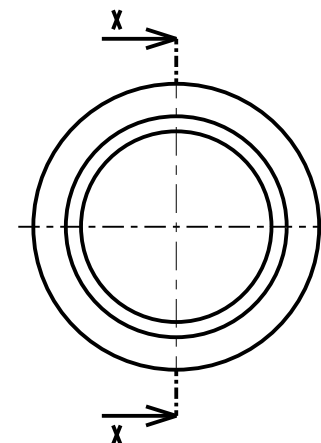
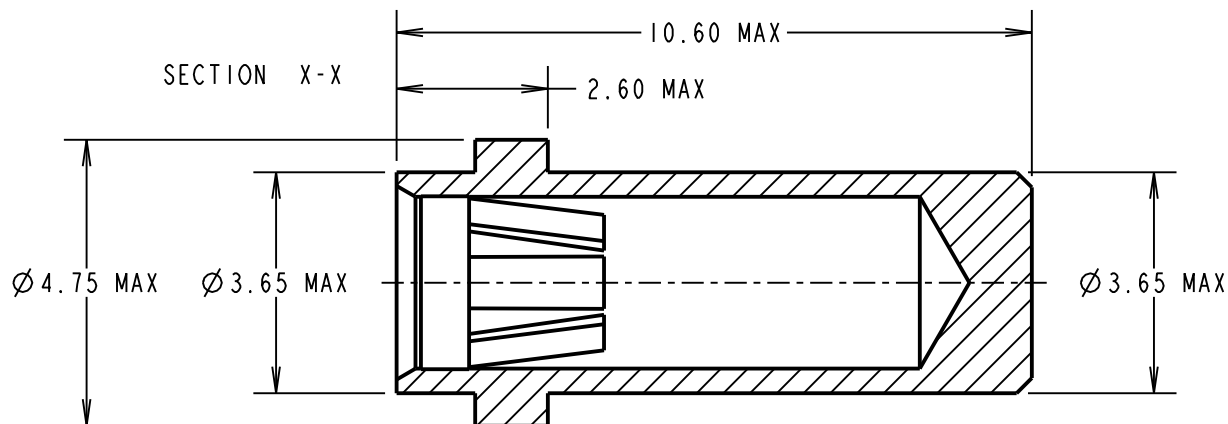
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**SPECIFICATION:****MATERIALS:**

SHELL = BRASS CW614N TO BS EN 12164: 1998

CLIP = BERYLLIUM COPPER C17200 HM

FINISH:01 = 0.10-0.15 μ GOLD CLIP, 3.5-5.0 μ 100% TIN SHELL05 = 0.10-0.15 μ GOLD CLIP, 0.05-0.10 μ GOLD SHELL46 = 1.0-1.5 μ 100% TIN CLIP, 3.5-5.0 μ 100% TIN SHELL**ELECTRICAL:**

CURRENT RATING = 20A MAX

CONTACT RESISTANCE = 25 MILLIOHMS MAX

MECHANICAL:

DURABILITY = 01 - 500 CYCLES

05 - 500 CYCLES

46 - 50 CYCLES

INSERTION FORCE ($\varnothing$ 2.00mm GAUGE) = 6N MAX, 3N MINWITHDRAWAL FORCE ($\varnothing$ 2.00mm GAUGE) = 3N MAX, IN MINMATING PIN SIZE = $\varnothing$ 2.3-2.0mm

CONTACT DEPTH = 4.1mm MAX

PIN LENGTH = 8.50mm MAX

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

FOR COMPLETE MECHANICAL AND ELECTRICAL SPECIFICATION

SEE COMPONENT SPECIFICATION C031XX (LATEST ISSUE).

NOTES:1. RECOMMENDED MOUNTING HOLE = $\varnothing$ 3.77-3.67mm**ORDER CODE:****H3490-XX****FINISH:**

01 = GOLD CLIP, TIN SHELL

05 = GOLD CLIP, GOLD SHELL

46 = 100% TIN CLIP, TIN SHELL

MGP	7	21.05.13	12096
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: A.LIOTTA			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCESX. = $\pm$ 1mmX.X = $\pm$ 0.25mmX.XX = $\pm$ 0.10mmX.XXX = $\pm$ 0.01mmANGLES = $\pm$ 5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:mm²**TITLE:** $\varnothing$ 2.00mm SOCKET ASSEMBLY**DRAWING NUMBER:****H3490-XX**SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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[H3490-01](#)