

Customer Information Sheet

DRAWING No.: H3490-XX

SHEET 2 OF 2

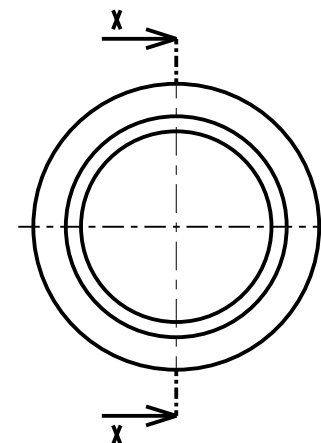
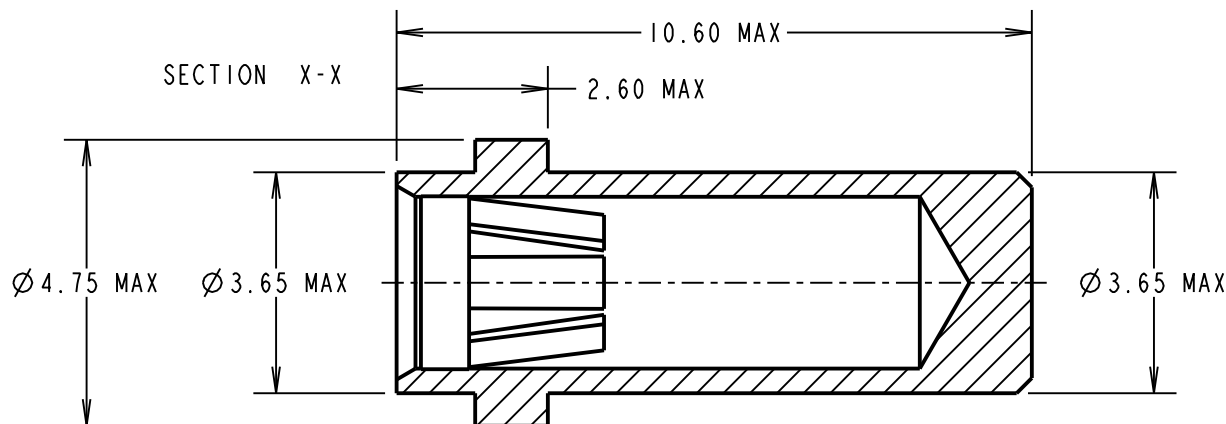
IF IN DOUBT - ASK

(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 SHELL

05 = 0.10-0.15 μ GOLD CLIP, 0.05-0.10 μ GOLD SHELL

46 = 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 MIN

WITHDRAWAL FORCE ($\varnothing$ 2.00mm GAUGE) = 3N MAX, IN MIN

MATING 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:			

HARWIN

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TOLERANCES

X. = $\pm$ 1mm

X.X = $\pm$ 0.25mm

X.XX = $\pm$ 0.10mm

X.XXX = $\pm$ 0.01mm

ANGLES = $\pm$ 5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

$\varnothing$ 2.00mm SOCKET ASSEMBLY

DRAWING NUMBER:

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