

# Customer Information Sheet

DRAWING No.: H3490-XX

SHEET 2 OF 2

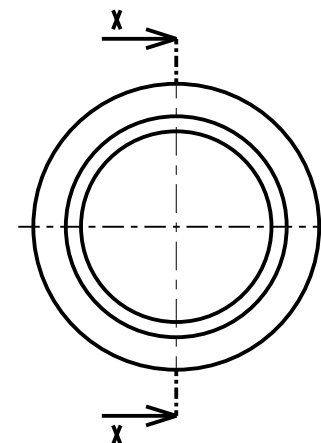
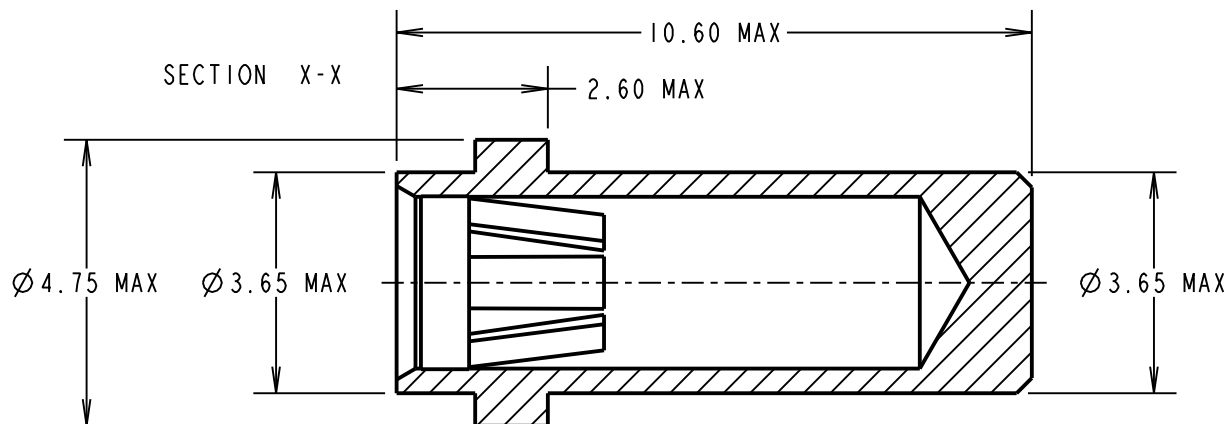
IF IN DOUBT - ASK

(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 $\mu$  GOLD CLIP, 3.5-5.0 $\mu$  100% TIN SHELL05 = 0.10-0.15 $\mu$  GOLD CLIP, 0.05-0.10 $\mu$  GOLD SHELL46 = 1.0-1.5 $\mu$  100% TIN CLIP, 3.5-5.0 $\mu$  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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**TOLERANCES**X. =  $\pm$ 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:**mm<sup>2</sup>**TITLE:** $\varnothing$ 2.00mm SOCKET ASSEMBLY**DRAWING NUMBER:****H3490-XX**SHT  
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