

Customer Information Sheet

DRAWING No.: D2899-42

SHEET 2 OF 2

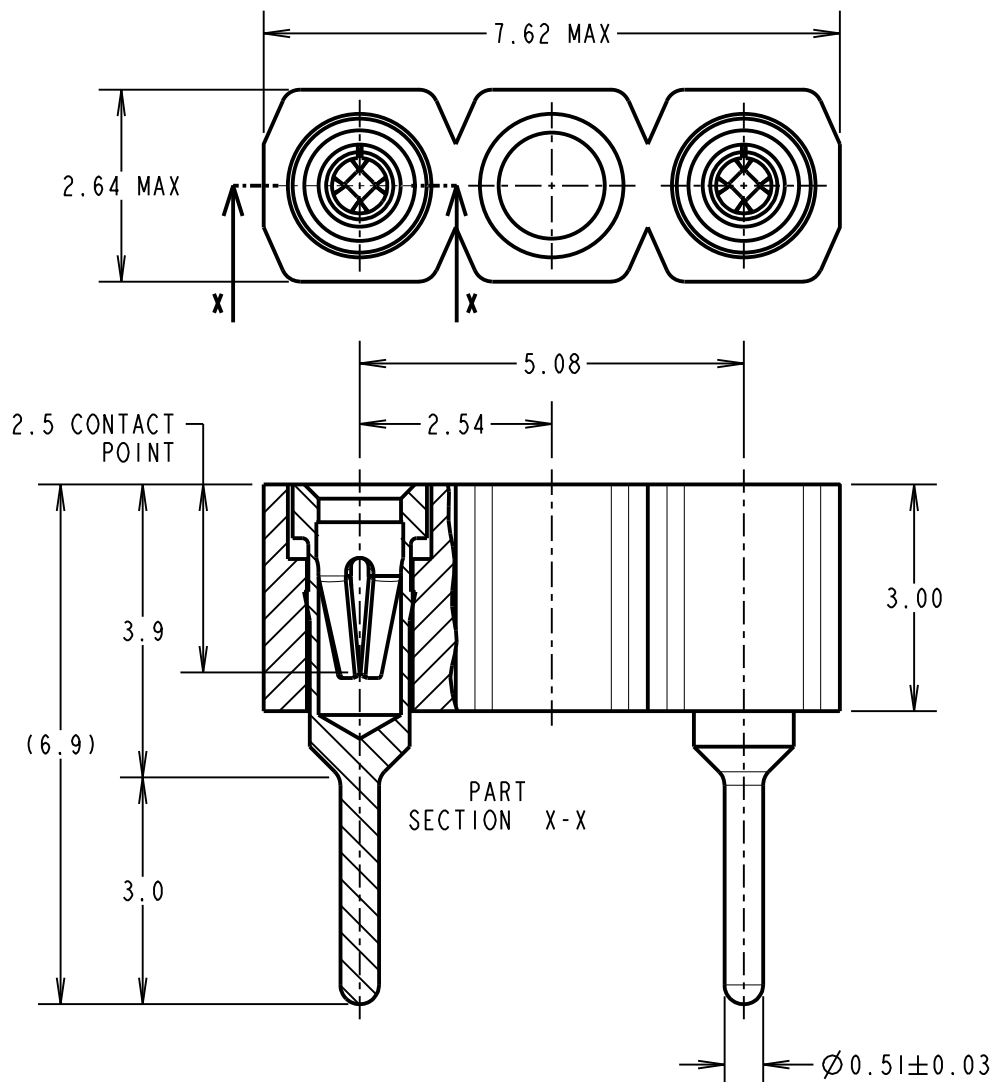
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATION:

MATERIAL:

MOULDING = GLASS-FILLED POLYAMIDE 46 BLACK, UL94V-0

CONTACT SHELL = BRASS

CONTACT CLIP = BERYLLIUM COPPER

FINISH:

CONTACT SHELL = 5.0 μ 100% TIN

CONTACT CLIP = GOLD FLASH

ELECTRICAL:

CURRENT RATING AT 25°C = 1.5A MAX

CURRENT RATING AT 85°C = 0.25A MAX

CONTACT RESISTANCE (INITIAL) = 15 MILLIOHMS MAX

CONTACT RESISTANCE (AFTER CONDITIONING) = 23 MILLIOHMS MAX

INSULATION RESISTANCE (INITIAL) = 1,000 MEGOHMS MIN

INSULATION RESISTANCE (AFTER CONDITIONING) = 100 MEGOHMS MIN

MECHANICAL:

INSERTION FORCE ($\varnothing 0.46$ mm GAUGE) = 5N MAX

WITHDRAWAL FORCE ($\varnothing 0.46$ mm GAUGE) = 0.5N MIN

DURABILITY = 1,000 OPERATIONS

ENVIRONMENTAL:

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

FOR COMPLETE MECHANICAL AND ELECTRICAL SPECIFICATION,
SEE COMPONENT SPECIFICATION C004X (LATEST ISSUE).

NOTES:

1. RECOMMENDED PIN SIZE = $\varnothing 0.41$ TO $\varnothing 0.53$ mm.
2. RECOMMENDED PCB HOLE SIZE = $\varnothing 0.80$ mm.

ORDER CODE:

D2899-42

FINISH: _____
GOLD CLIP / 100% TIN SHELL

SB	5	23.10.12	11825
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.PLESTED			
DRAWN: J. KEIR			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
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OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

TOLERANCES
X. = ± 1 mm
X.X = ± 0.25 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mm
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

3-WAY I.C. SOCKET
WITH CENTRE SOCKET REMOVED

DRAWING NUMBER:

D2899-42

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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