

Customer Information Sheet

DRAWING No.: D01-997XX42

SHEET 2 OF 2

IF IN DOUBT - ASK

Ⓢ

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATION:

MATERIAL:

CARRIER = GLASS FILLED PCT, BLACK, UL94V-0

SHELL = BRASS

CONTACT = BERYLLIUM COPPER

FINISH:

SHELL = 5 μ 100% TIN OVER NICKEL

CLIP = GOLD FLASH OVER NICKEL

ELECTRICAL:

CURRENT RATING = 1A

CONTACT RESISTANCE = 10 MILLIOHMS MAX

INSULATION RESISTANCE = 10000 MEGOHMS MIN

DIELECTRIC WITHSTANDING = 1000V AC

MECHANICAL:

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

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

DURABILITY = 500 CYCLES MIN.

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

NOTES:

1. RECOMMENDED PCB SIZE = 1.4-2.0mm
2. RECOMMENDED PIN SIZE = $\varnothing 0.40-0.56$ mm
3. RECOMMENDED PCB HOLE SIZE = $\varnothing 0.8$ mm

ORDER CODE:

D01-997XX42

No. OF CONTACTS: _____
01 TO 32, 48, 64

FINISH: _____
GOLD CLIP, 100% TIN SHELL

SB	11	18.03.13	11980
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: D.BECK			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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:

SIL THROUGH SOCKET CONNECTOR

DRAWING NUMBER:

D01-997XX42

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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