

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 = 5µ 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 (Ø0.46mm GAUGE) = 5N MAX
 WITHDRAWAL FORCE (Ø0.46mm 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 = Ø0.40-0.56mm
3. RECOMMENDED PCB HOLE SIZE = Ø0.8mm

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:			

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TOLERANCES

X. = ±1mm
 X.X = ±0.25mm
 X.XX = ±0.10mm
 X.XXX = ±0.01mm

ANGLES = ±5°
 UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

SIL THROUGH SOCKET CONNECTOR

DRAWING NUMBER:

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