

Customer Information Sheet

DRAWING No.: D39XX-42

SHEET 2 OF 2

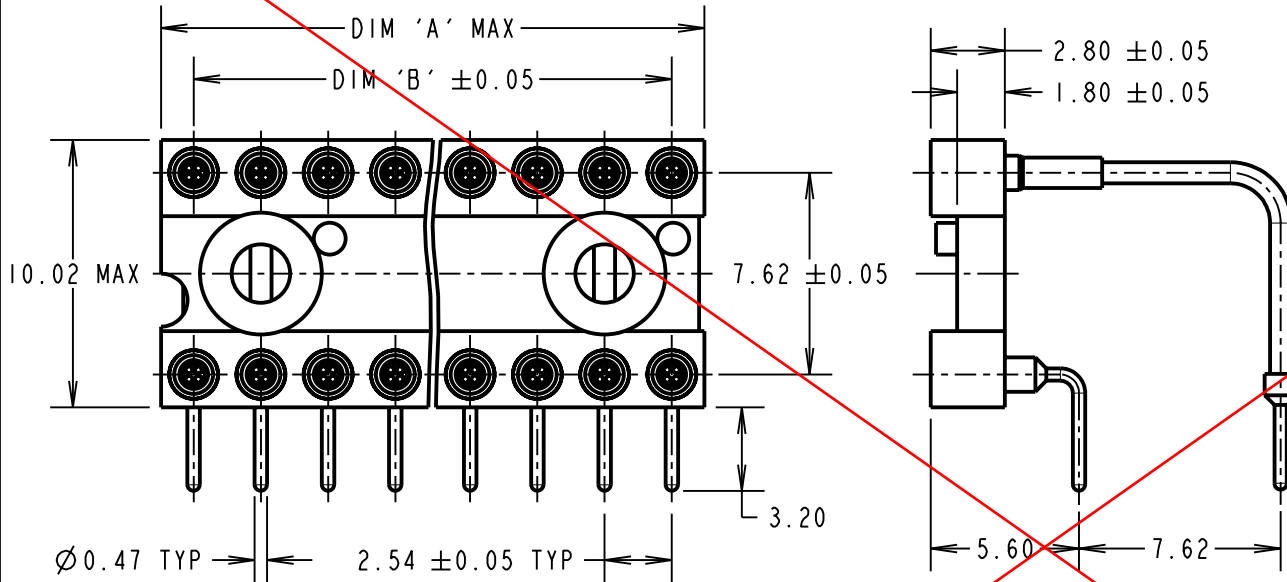
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIALS:

MOULDING = GLASS FILLED PCT, BLACK, UL94V-0

CONTACT SHELL = BRASS

CONTACT CLIP = BERYLLIUM COPPER

FINISH:

CONTACT SHELL = 5µ 100% TIN

CONTACT CLIP = 0.25µ GOLD

ELECTRICAL:

CURRENT RATING = 1A

VOLTAGE RATING = 100V AC, 150V DC

CONTACT RESISTANCE = 10 MILLIOHMS MAX

INSULATION RESISTANCE = 10,000 MEGOHMS MIN

DIELECTRIC WITHSTANDING = 1,000V AC MIN

MECHANICAL:

INSERTION FORCE (Ø0.43mm GAUGE) = 3.0N MAX

WITHDRAWAL FORCE (Ø0.43mm GAUGE) = 0.5N MIN

DURABILITY = 100 CYCLES MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

OBSOLETE

ORDER CODE:

D39XX-42

No. OF CONTACTS
6, 8, 14, 16, 18, 20, 24

FINISH
100% TIN SHELL, GOLD CLIP

NOTES:

1. RECOMMENDED HOLE SIZE = Ø0.80mm.
2. RECOMMENDED PC BOARD THICKNESS = 1.4 TO 2.0mm.
3. RECOMMENDED MATING PIN DIAMETER = Ø0.56-0.40mm.
4. MAXIMUM CONTACT DEPTH = 2.40mm.
MAXIMUM MATING PIN LENGTH = 3.65mm.

PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'
D3906-42	6	7.60	5.08
D3908-42	8	10.10	7.62
D3914-42	14	17.70	15.24
D3916-42	16	20.30	17.78
D3918-42	18	22.80	20.32
D3920-42	20	25.30	22.86
D3924-42	24	30.40	27.94

CP	2	15.01.10	10640
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: W.J.BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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: 2.54mm PITCH DIL IC DISPLAY SOCKET (CLOSED FRAME)

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SHT
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