

# Customer Information Sheet

DRAWING No.: D95XXX-42

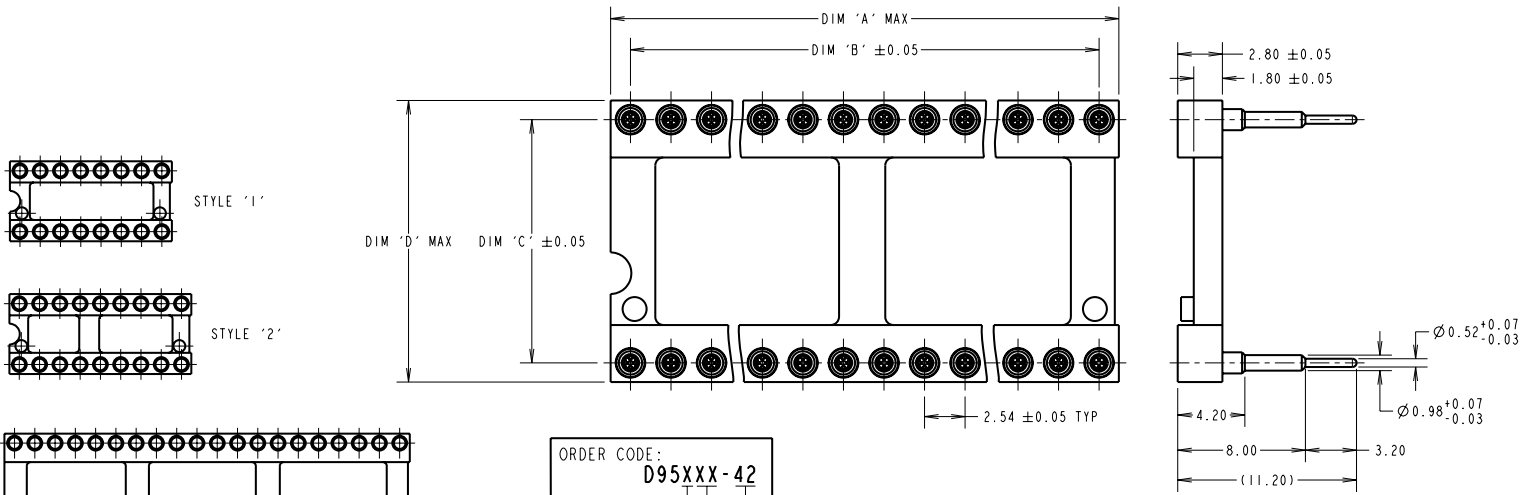
SHEET 2 OF 2

IF IN DOUBT - ASK (C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**ORDER CODE:**  
D95XXX-42

SERIES CODE  
SEE TABLE

No. OF WAYS  
SEE TABLE

FINISH  
100% TIN SHELL, GOLD CLIP

**SPECIFICATION:**  
 MATERIAL:  
 Moulding = GLASS-FILLED PCT, UL94V-0, BLACK  
 CONTACT SHELL = BRASS  
 CONTACT CLIP = BERYLLIUM COPPER  
 FINISH:  
 SHELL = 5µ 100% TIN  
 CLIP = 0.75µ GOLD  
 ELECTRICAL  
 CURRENT RATING = 1 AMP  
 VOLTAGE RATING = 100V AC, 150V DC  
 CONTACT RESISTANCE = 10 MILLIOHMS MAX  
 INSULATION RESISTANCE = 10,000 MEGOHMS MIN  
 DIELECTRIC STRENGTH = 1,000V AC MIN  
 ENVIRONMENTAL:  
 TEMPERATURE = -55°C TO +125°C  
 MECHANICAL  
 DURABILITY = 100 CYCLES MIN.  
 INSERTION FORCE (Ø0.43mm GAUGE) = 3.0N MAX  
 WITHDRAWAL FORCE (Ø0.43mm GAUGE) = 0.5N MIN

PART No.	No. OF WAYS	STYLE (SEE NOTE 1)	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
D95006-42	6	1	7.60	5.08	7.62	10.02
D95008-42	8	1	10.10	7.62	7.62	10.02
D95014-42	14	1	17.70	15.24	7.62	10.02
D95016-42	16	1	20.30	17.78	7.62	10.02
D95018-42	18	2	22.80	20.32	7.62	10.02
D95020-42	20	2	25.30	22.86	7.62	10.02
D95022-42	22	2	27.80	25.40	7.62	10.02
D95A22-42	22	2	27.80	25.40	10.16	12.60
D95024-42	24	2	30.40	27.94	15.24	17.64
D95A24-42	24	2	30.40	27.94	10.16	12.60
D95B24-42	24	2	30.40	27.94	10.16	12.60
D95028-42	28	2	35.50	33.02	15.24	17.64
D95032-42	32	2	40.60	38.10	15.24	17.64
D95040-42	40	3	50.80	48.26	15.24	17.64
D95A48-42	48	3	60.90	58.42	15.24	17.64
D95064-42	64	4	81.20	78.74	22.86	25.40

CP	3	15.01.10	10640
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: W.J.BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

- NOTES:**
1. STYLE REFERS TO No. OF CENTRE BARS ONLY.
  2. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C004XX (LATEST ISSUE).
  3. RECOMMENDED HOLE SIZE = Ø0.80mm
  4. RECOMMENDED PC BOARD THICKNESS = 1.40-2.00mm
  5. RECOMMENDED MATING PIN DIA. = Ø0.40 -0.56mm
  6. MAXIMUM CONTACT DEPTH = 2.40mm  
MAXIMUM PIN LENGTH = 3.65mm.

**HARWIN**

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**TOLERANCES**  
 X. = ±1mm  
 X.X = ±0.25mm  
 X.XXX = ±0.10mm  
 ANGLES = ±5°  
 UNLESS STATED

**MATERIAL:**  
SEE ABOVE

**FINISH:** SEE ABOVE

**S/AREA:** mm<sup>2</sup>

**TITLE:**  
2.54mm PITCH DIL EXTENDED VERTICAL IC SOCKET ASSEMBLY

**DRAWING NUMBER:**  
D95XXX-42

**SHT**  
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