

Customer Information Sheet

DRAWING No.: DOI-E01XXXX

SHEET 3 OF 4

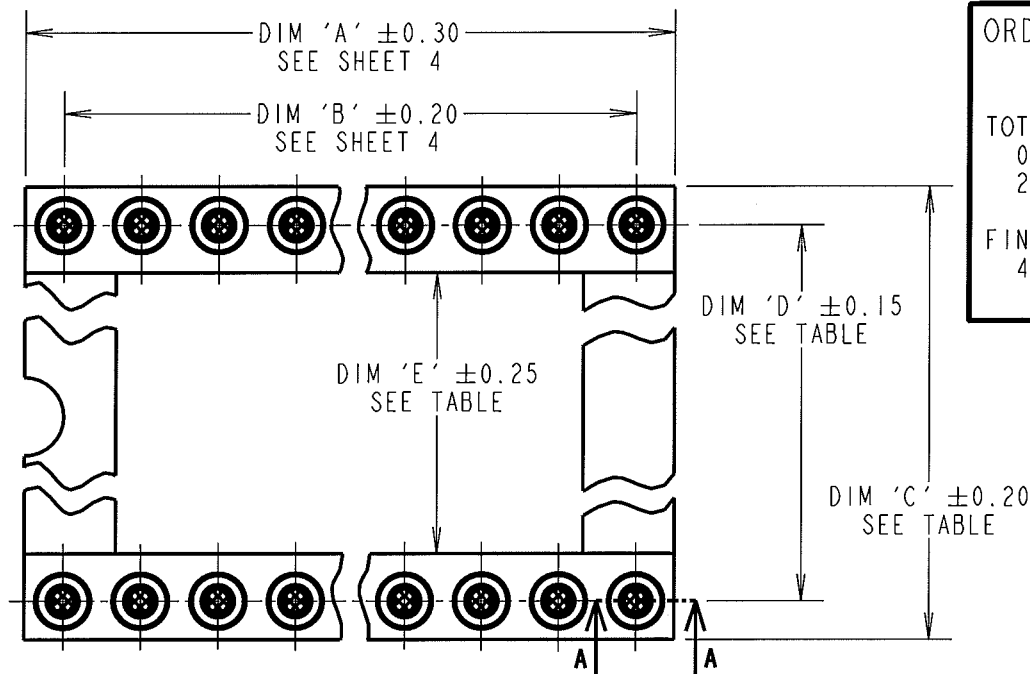
IF IN DOUBT - ASK

(C)

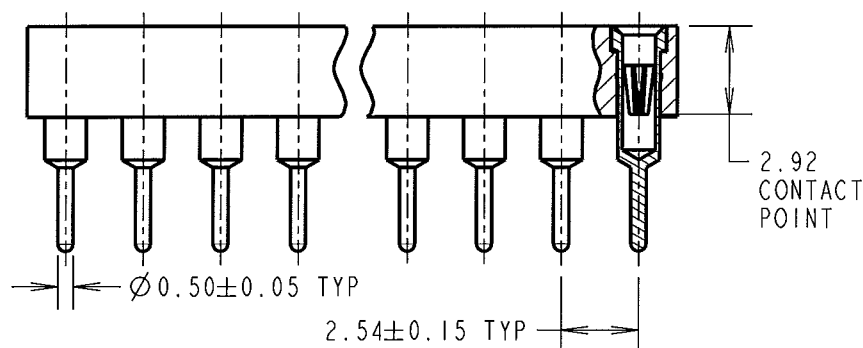
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



PART SECTION A-A

ORDER CODE:
DOI-E01XXXX

TOTAL No. OF CONTACTS

06, 08, 14, 16,
20, 28, 32, 40

FINISH

42 = GOLD CLIP,
100% TIN SHELL

NOTES:

1. RECOMMENDED PCB HOLE
SIZE = $\varnothing 0.80\text{mm}$.

SPECIFICATIONS:

MATERIAL:

MOULDING = 30% GLASS-FILLED PPS, UL94V-0, BLACK

CONTACT CLIP = BERYLLIUM COPPER

CONTACT SHELL = BRASS

FINISH:

CONTACT CLIP = GOLD OVER NICKEL

CONTACT SHELL = 100% TIN OVER NICKEL

ELECTRICAL:

CURRENT RATING = 3A

CONTACT RESISTANCE:

INITIAL = $20\text{m}\Omega$ MAXAFTER CONDITIONING = $30\text{m}\Omega$ MAXINSULATION RESISTANCE = $1,000\text{M}\Omega$ MINDIELECTRIC STRENGTH = $1,000\text{V AC}$ / 1 MINUTE

MECHANICAL:

DURABILITY = 300 OPERATIONS

INSERTION FORCE ($\varnothing 0.46\text{mm}$ GAUGE) = 5N MAXWITHDRAWAL FORCE ($\varnothing 0.46\text{mm}$ GAUGE) = 0.5N MIN

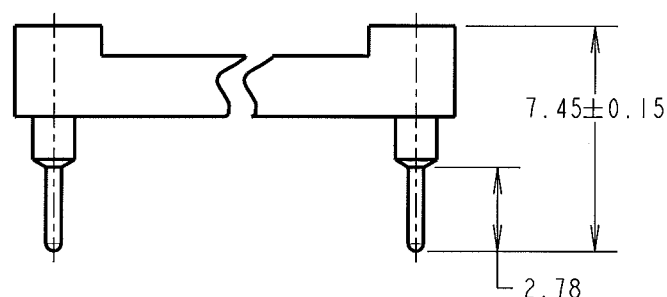
ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO $+105^\circ\text{C}$

PACKING:

TUBE

TOTAL No. OF CONTACTS	DIM 'C'	DIM 'D'	DIM 'E'
6, 8, 14, 16, 20	10.20	7.62	4.40
28, 32, 40	17.80	15.24	12.10

Asia only

SF	2	11.07.08	10093
NAME	ISS.	DATE	C/NOTE
APPROVED:			
CHECKED:			
DRAWN:	W. J. BOURNE		
CUSTOMER REF.:			
ASSEMBLY DRG:			

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OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.TOLERANCES
X. = $\pm 1\text{mm}$
X.X = $\pm 0.25\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE:

2.54mm PITCH DUAL ROW PC TAIL
I.C. SOCKET ASSEMBLY

DRAWING NUMBER:

DOI-E01XXXX

SHT
3
OF
4

Customer Information Sheet

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SHEET 4 OF 4

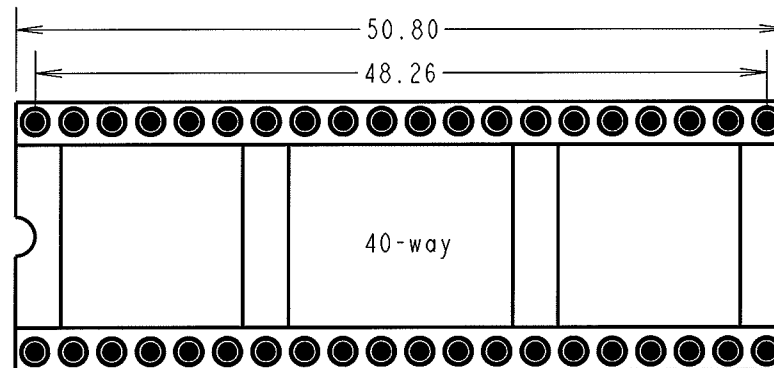
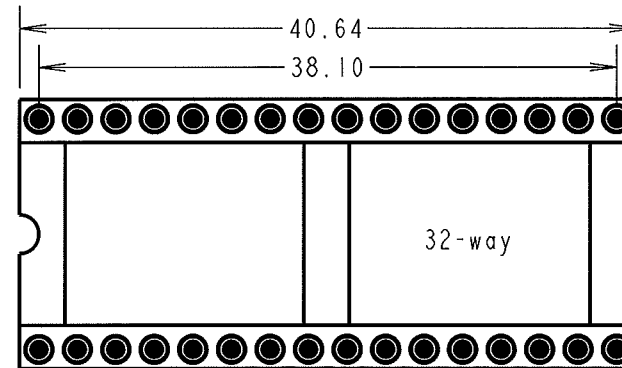
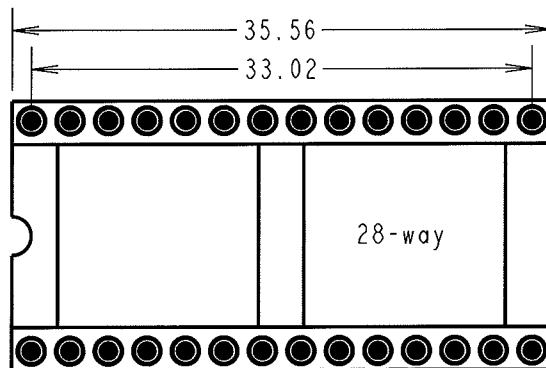
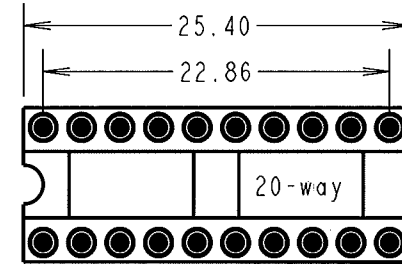
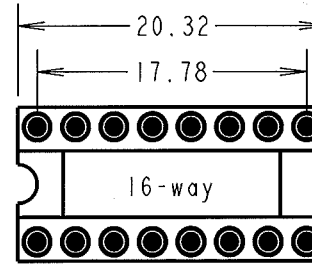
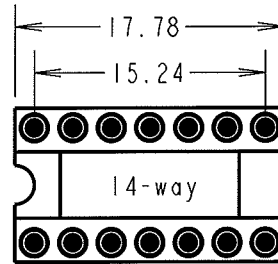
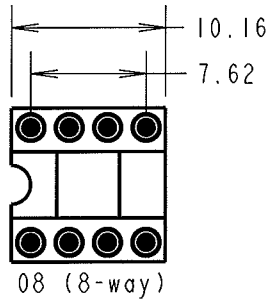
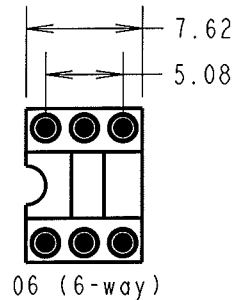
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



NOTES:
1. SEE SHEET 3 FOR TOLERANCES
RELATING TO THESE DIMENSIONS.

SF	2	11.07.08	10093
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

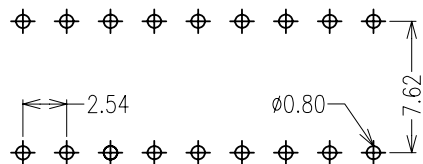
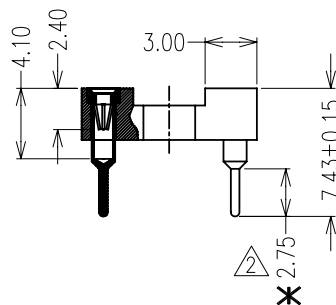
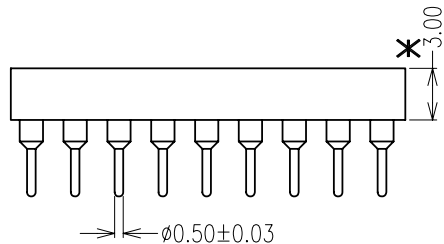
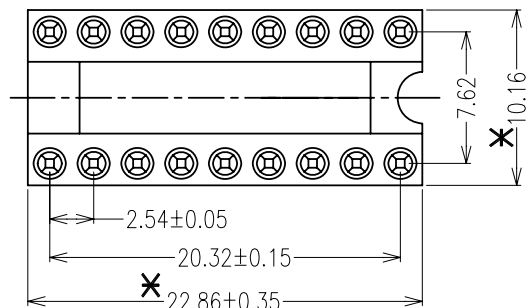
TITLE:

2.54mm PITCH DUAL ROW PC TAIL
I.C. SOCKET ASSEMBLY

DRAWING NUMBER:

DOI-E01XXXX

SHT
4
OF
4



PCB LAYOUT

SPECIFICATIONS:

MATERIAL:-

MOULDING: PPS+30%GF UL94V-0

CONTACT CLIP: BeCu (C17200)

SLEEVE: BRASS CuZn36Pb3 (C36000)

FINISH:-

SELECTIVE GOLD

ELECTRICAL:-

CURRENT RATING: 1A

DIELECTRIC STRENGTH: 1000V RMS MIN.

CONTACT RESISTANCE: 10 mΩ MAX.

MECHANICAL:-

DURABILITY: 100 CYCLES MIN.

MATING PIN: Ø0.40 TO Ø0.56

ENVIRONMENTAL:-

TEMPERATURE RANGE: -40°C TO +105°C

NOTES: ALL DIMENSIONS AND NOTES
MARKED **X** ARE CRITICAL AND
MUST BE CHECKED IN ACCORDANCE
WITH QUALITY DOC. QI-02A

Allan Allan	2 1	29.03.10 01.02.10	A273 -
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>Ben</i>			
CHECKED:			
DRAWN:			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES
X. = ±1mm
X.X' = ±0.40mm
X.XX = ±0.25mm
X.XXX = ±0.15mm
ANGLES = ±5°
UNLESS STATED

MATERIAL:
SEE NOTES
FINISH: SEE NOTES
S/AREA: mm²

TITLE:
2.54MM IC SOCKET 180°

DRAWING NUMBER:
D01-E011842

SHT
1
OF
1