

# Customer Information Sheet

DRAWING No.: D2XXX-42

SHEET 2 OF 2

IF IN DOUBT - ASK

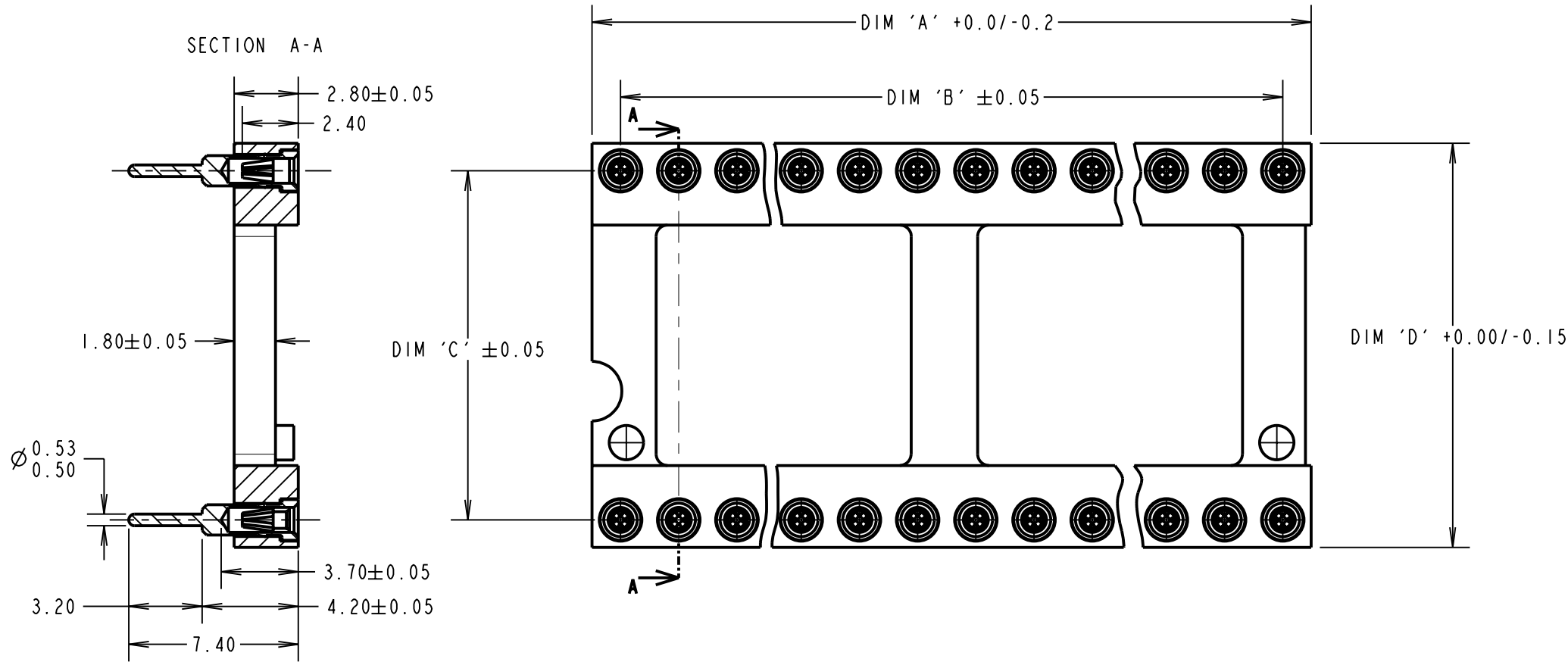
©

NOT TO SCALE

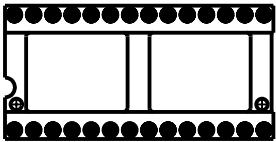
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

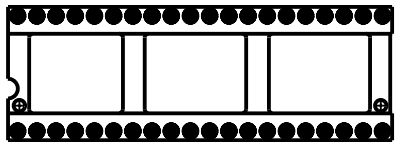
SEE NOTE 2



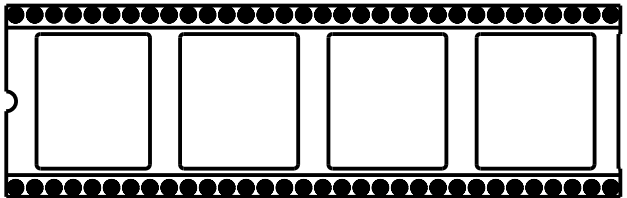
STYLE 1



STYLE 2



STYLE 3



STYLE 4

| PART No. | No. OF WAYS | STYLE (SEE NOTE 2) | DIM 'A' | DIM 'B' | DIM 'C' | DIM 'D' |
|----------|-------------|--------------------|---------|---------|---------|---------|
| D2806-42 | 6           | 1                  | 7.6     | 5.08    | 7.62    | 10.02   |
| D2808-42 | 8           | 1                  | 10.1    | 7.62    | 7.62    | 10.02   |
| D2814-42 | 14          | 1                  | 17.7    | 15.24   | 7.62    | 10.02   |
| D2816-42 | 16          | 2                  | 20.3    | 17.78   | 7.62    | 10.02   |
| D2818-42 | 18          | 2                  | 22.8    | 20.32   | 7.62    | 10.02   |
| D2820-42 | 20          | 2                  | 25.3    | 22.86   | 7.62    | 10.02   |
| D2922-42 | 22          | 2                  | 27.8    | 25.4    | 7.62    | 10.02   |
| D2822-42 | 22          | 2                  | 27.8    | 25.4    | 10.16   | 12.6    |
| D2824-42 | 24          | 2                  | 30.4    | 27.94   | 15.24   | 17.64   |
| D2924-42 | 24          | 2                  | 30.4    | 27.94   | 7.62    | 10.02   |
| D2724-42 | 24          | 2                  | 30.4    | 27.94   | 10.16   | 12.6    |
| D2828-42 | 28          | 2                  | 35.5    | 33.02   | 15.24   | 17.64   |
| D2832-42 | 32          | 2                  | 40.6    | 38.1    | 15.24   | 17.64   |
| D2840-42 | 40          | 3                  | 50.8    | 48.26   | 15.24   | 17.64   |
| D2928-42 | 28          | 3                  | 35.5    | 33.02   | 7.62    | 10.02   |
| D2948-42 | 48          | 3                  | 60.9    | 58.42   | 15.24   | 17.64   |
| D2864-42 | 64          | 4                  | 81.2    | 78.74   | 22.86   | 25.4    |

SPECIFICATION:  
MATERIAL:  
MOULDING = HIGH TEMPERATURE PLASTIC UL94V-0, BLACK  
CONTACT SHELL = BRASS  
CONTACT CLIP = BERYLLIUM COPPER  
FINISH:  
SHELL = 5µ 100% TIN OVER NICKEL  
CLIP = GOLD FLASH OVER NICKEL  
ELECTRICAL:  
CURRENT RATING = 1A MAX  
CONTACT RESISTANCE = 10 MILLIOHMS MAX  
INSULATION RESISTANCE = 10,000 MEGOHMS  
DIELECTRIC STRENGTH = 1,000V RMS MIN  
VOLTAGE RATING = 100V RMS/150V DC  
MECHANICAL:  
INSERTION FORCE (Ø0.46mm GAUGE) = 5N MAX  
WITHDRAWAL FORCE (Ø0.46mm GAUGE) = 0.5N MIN  
DURABILITY = 100 CYCLES MIN  
ENVIRONMENTAL:  
OPERATING TEMPERATURE = -55°C TO +125°C  
PACKING:  
TUBE  
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C004 (LATEST ISSUE)

- NOTES:  
1. RECOMMENDED MOUNTING HOLE SIZE = Ø0.80mm.  
2. STYLE REFERS TO No. OF CENTRE BARS ONLY.  
3. RECOMMENDED MATING PIN = Ø0.40 TO 0.56mm

ORDER CODE:

D2XXX-42

No. OF WAYS: \_\_\_\_\_  
SEE TABLE

FINISH:  
100% TIN SHELL, GOLD CLIP

|                        |      |           |        |
|------------------------|------|-----------|--------|
| SM                     | 19   | 04.05.10  | 10777  |
| NAME                   | ISS. | DATE      | C/NOTE |
| APPROVED: S. MCCULLAGH |      |           |        |
| CHECKED:               |      | R. ADDE   |        |
| DRAWN:                 |      | A. LIOTTA |        |
| CUSTOMER REF.:         |      |           |        |
| ASSEMBLY DRG:          |      |           |        |

HARWIN

|                                                                        |                                                                                    |                                                                                |
|------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| HARWIN USA<br>TEL: 603 893 5376<br>FAX: 603 893 5396<br>mis@harwin.com | HARWIN Europe (UK)<br>TEL: 023 9231 4545<br>FAX: 023 9231 4590<br>mis@harwin.co.uk | HARWIN Asia<br>TEL: +65 6 779 4909<br>FAX: +65 6 779 3868<br>mis@harwin.com.sg |
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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:   | mm <sup>2</sup> |

|                 |                             |
|-----------------|-----------------------------|
| TITLE:          | DIL IC SOCKET<br>OPEN FRAME |
| DRAWING NUMBER: | D2XXX-42                    |
| SHT             | 2 OF 2                      |