



**THE DATASHEET OF
D2816-42**



Customer Information Sheet

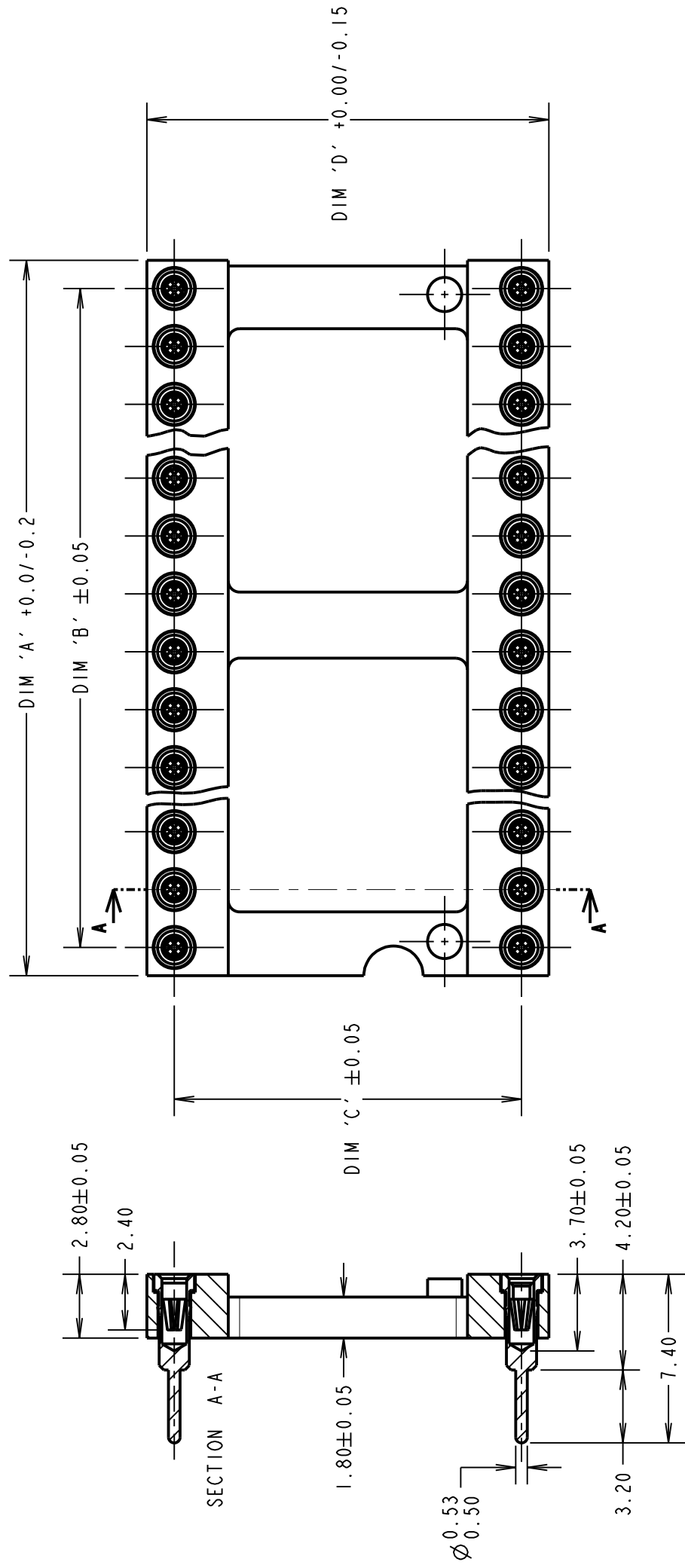
DRAWING No.: D2XXX-42

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE



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	1	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	2	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:

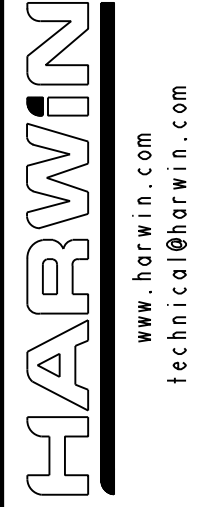
OPERATING TEMPERATURE = -55°C TO +125°C
 PACKAGING:

TUBE
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C004 (LATEST ISSUE)

ORDER

No. OF SEE T

FINISH 100%



THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

TOLERANCES
 X. = ±1mm
 X.X = ±0.25mm
 X.XX = ±0.10mm
 X.XXX = ±0.01mm
ANGLES = ±5°
 UNLESS STATED

MATERIAL
FINISH
S/ART

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

[View D2816-42 on WIN SOURCE](#)

[Harwin Inc. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management