

# Surface Mount Ferrite Chip Beads Array

ACSB-04-T



RoHS/RoHS II Compliant



5.60 x 5.00 x 1.50mm

## FEATURES:

- Suitable for high density mounting or where board space is at a premium.
- Superior attenuation across a broad frequency range up to GHz range.
- Wide operating temperature range of -40°C to +85°C.
- RoHS Compliant and lead free.

## APPLICATIONS:

- Notebooks, Tablets, Smartphones, Cameras, DVD/Blu-ray players, LED TVs, Motherboards, Power Supplies, Modems

## STANDARD SPECIFICATIONS:

### PARAMETERS

ABRACON P/N:	ACSB-04-T
Operating temperature:	-40°C to +85°C
Storage Temperature and Humidity (In Tape and Reel)	+5°C to +40°C, 60% to 70% RH

### Key Electrical Specifications

Impedance	Test Frequency	RDC	IDC
Ω	MHz	Ω Max	A Max
23 Ref	25	9	5
50 Ref	100		

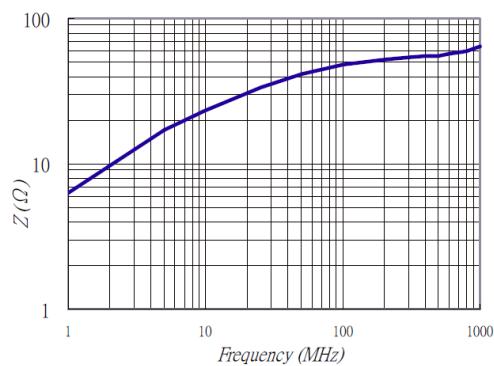
### Test Conditions

Instrument: Agilent 4294A Precision Impedance Analyzer.

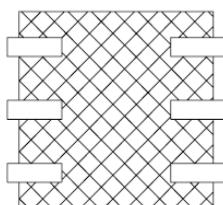
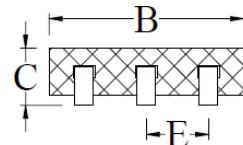
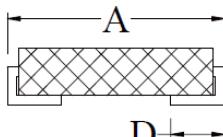
IDC: Based on temperature rise ( $\Delta T : 40^{\circ}\text{C TYP.}$ .)

## ELECTRICAL CHARACTERISTIC CURVE

Typical Impedance v.s. Frequency Curve

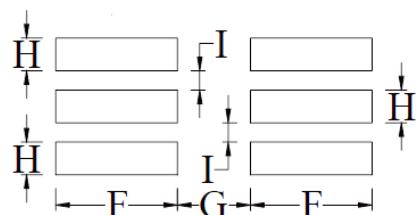


## OUTLINE DIMENSIONS:



A	B Max	C	D	E
5.60±0.30	5.00	1.50±0.20	1.40±0.15	1.3±0.2

### Recommended Land Pattern



F	G	H	I
3.00 ref.	1.8 ref.	0.80 ref.	0.47 ref.

Dimension: mm

# Surface Mount Ferrite Chip Beads Array

ACSB-04-T

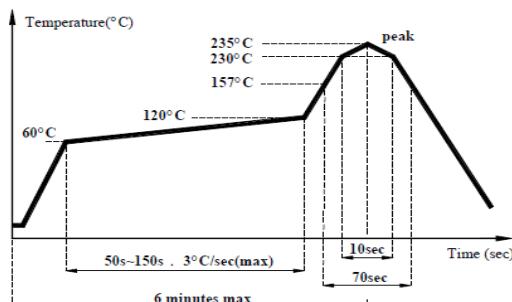


RoHS/RoHS II Compliant



5.60 x 5.00 x 1.50mm

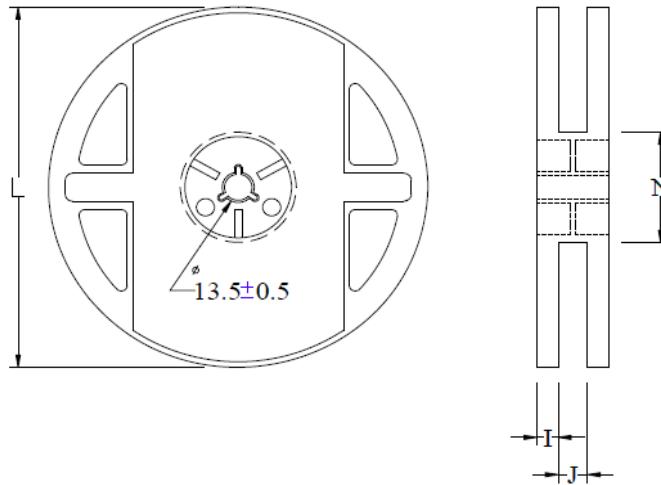
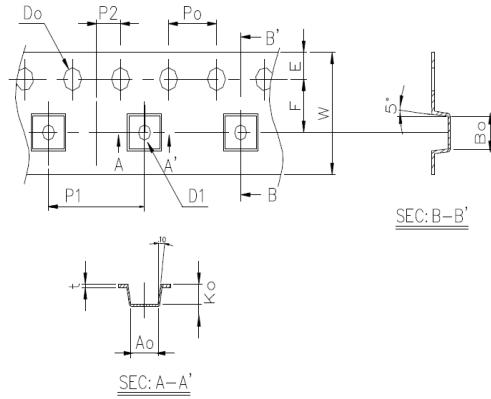
## REFLOW PROFILE:



## TAPE & REEL:

### Packing

T: 1000pcs / reel



A0	B0	K0	D0	D1	F	P1	W	t	L	I	J	N
4.7 ± 0.1	5.74 ± 0.1	1.82 ± 0.1	1.5 ± 0.1	1.5 ± 0.05	5.5 ± 0.05	8 ± 0.1	12 ± 0.2	0.25 ± 0.05	178	1.4	12	60

Dimension: mm

**ATTENTION:** Abracor Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracor's products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracor Corporation is required. Please contact Abracor Corporation for more information.