

# Surface Mount Ferrite Chip Beads

ACSB-03-T



RoHS/RoHS II Compliant



4.00 x 3.10 x 2.60mm

## 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-03-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	Temperature Rise Current
Z (Ω)	MHz	IDC Max (A)
27 Min	25	5
47 ± 20%	100	

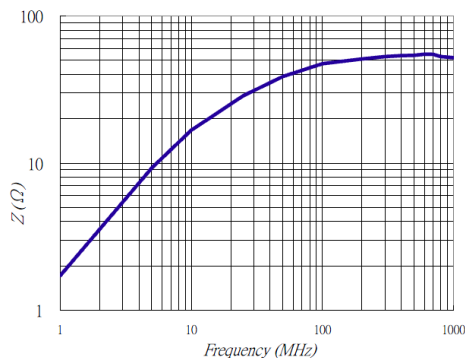
### Test Conditions

Instrument: Agilent 4294A Precision Impedance Analyzer.

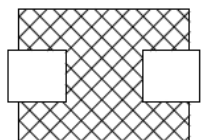
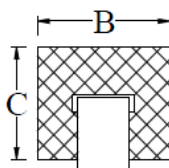
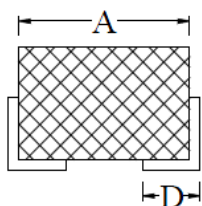
IDC: Based on temperature rise ( $\Delta T$  : 40°C TYP. )

## ELECTRICAL CHARACTERISTIC CURVE

Typical Impedance v.s. Frequency Curve

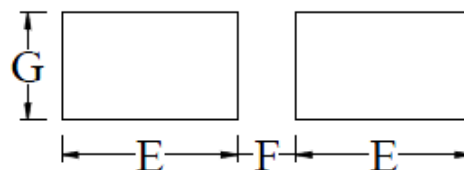


## OUTLINE DIMENSIONS:



A	B	C	D
4.00±0.15	3.10±0.10	2.60±0.10	1.35±0.15

### Recommended Land Pattern



E	F	G
3.00 ref.	1.0 ref.	1.8 ref.

Dimension: mm



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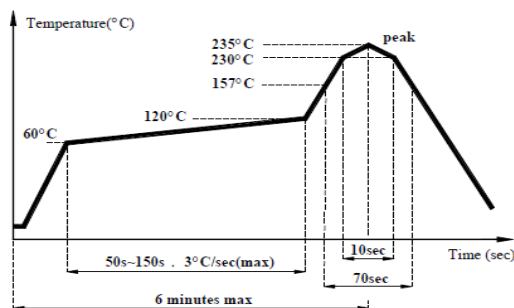


RoHS/RoHS II Compliant



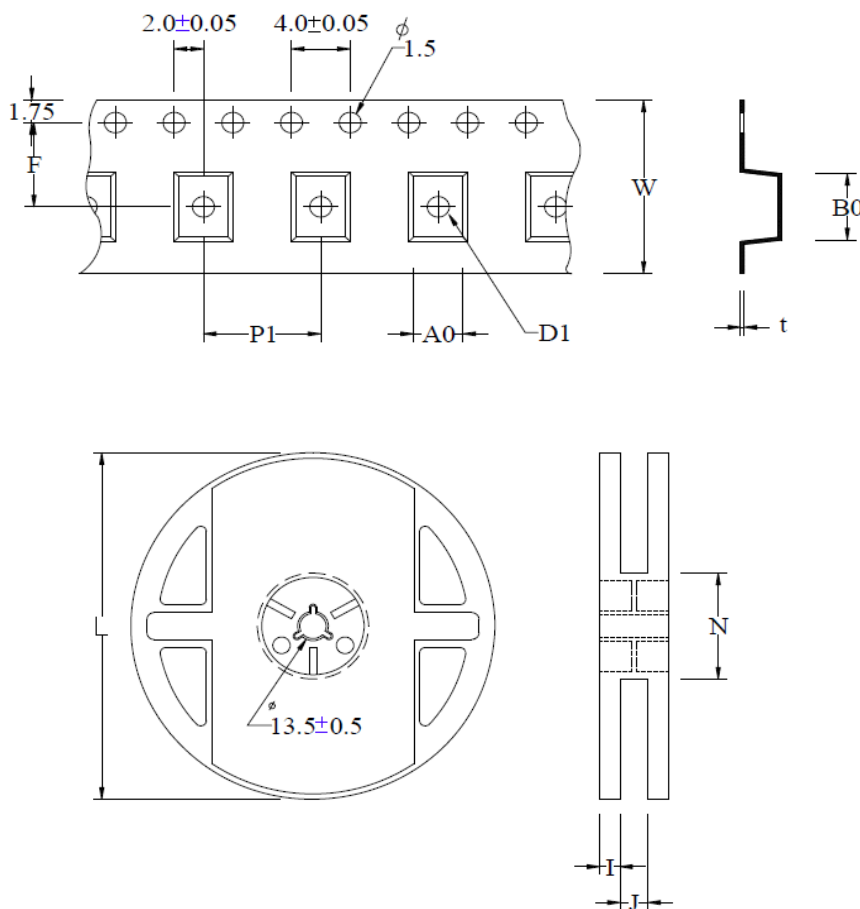
4.00 x 3.10 x 2.60mm

## REFLOW PROFILE:



## TAPE & REEL:

**Packing**  
**T: 500pcs / reel**



A0	B0	D1	F	P1	W	t	L	I	J	N
3.45 ± 0.1	4.90 ± 0.1	1.5	5.5	8	12	0.27	178	1.4	12	60

**Dimension: mm**

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