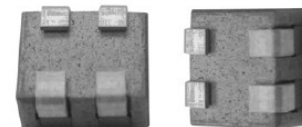


# Surface Mount Ferrite Chip Beads Array

ACSB-05-T



RoHS/RoHS II Compliant



5.60 x 4.80 x 3.00mm

## 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-05-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

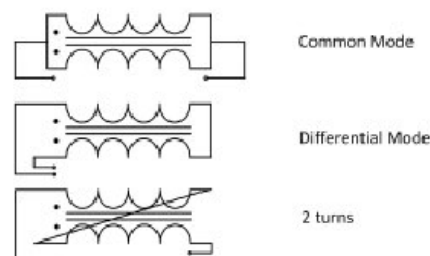
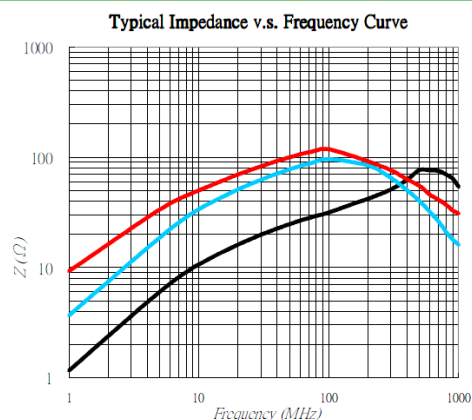
Impedance	Test Frequency	RDC	IDC
$\Omega$	MHz	m $\Omega$ Max	A Max
23 Ref	25	3	5
35 Ref	100		

### Test Conditions

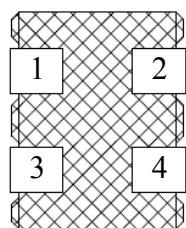
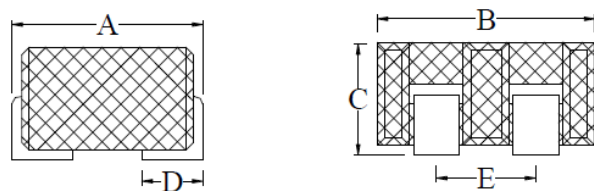
Instrument: Agilent 4294A Precision Impedance Analyzer.

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

## ELECTRICAL CHARACTERISTIC CURVE

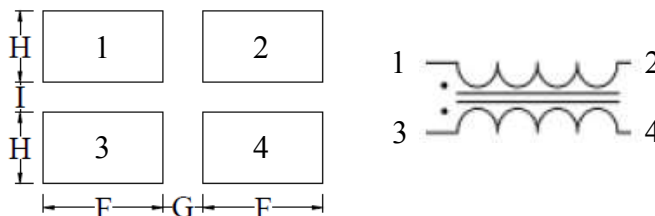


## OUTLINE DIMENSIONS:



A	B	C Max	D	E
4.80±0.30	5.60±0.20	3.00	1.40±0.15	2.54±0.20*

### Recommended Land Pattern



F	G	H	I
3.00 ref.	1.00 ref.	1.80 ref.	0.74 ref.

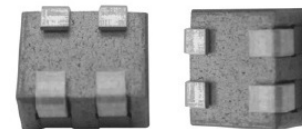
Dimension: mm

# Surface Mount Ferrite Chip Beads Array

ACSB-05-T

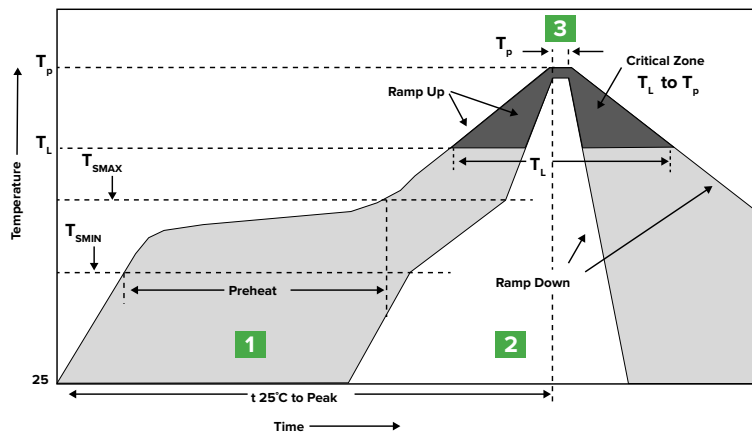


RoHS/RoHS II Compliant



5.60 x 4.80 x 3.00mm

## REFLOW PROFILE:

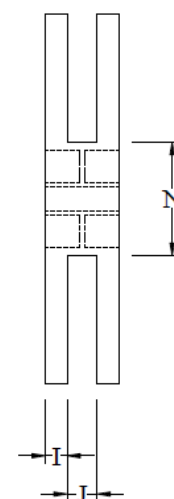
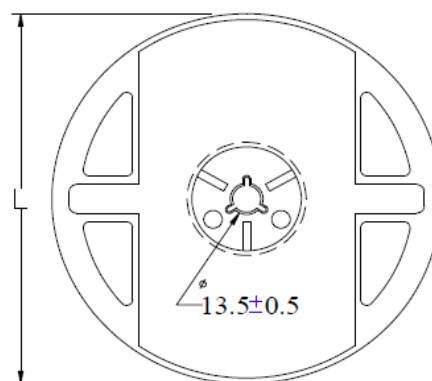
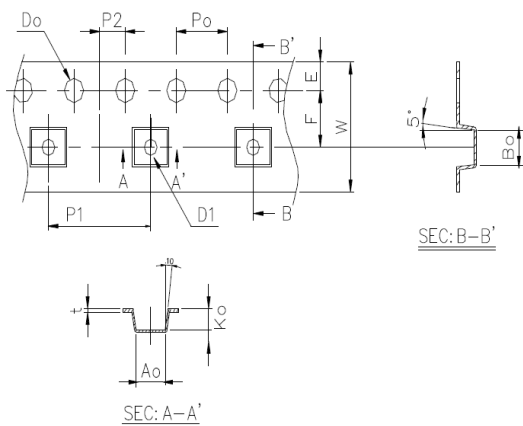


Zone	Description	Temperature	Time
1	Preheat / Soak	$T_{SMIN} \sim T_{SMAX}$ 60°C ~ 120°C	50 ~ 150 sec.
2	Reflow	$T_L$ 160°C	70 sec.
3	Peak heat	$T_P$ 235°C	10 sec. MAX

## TAPE & REEL:

### Packing

T: 2,000pcs / reel



A0	B0	K0	D0	D1	F	P1	W	t	L	I	J	N
6.0 ± 0.1	5.1 ± 0.1	3.2 ± 0.1	1.5 ± 0.1	1.5 ± 0.05	5.5 ± 0.05	8 ± 0.1	12 ± 0.2	0.3 ± 0.05	330	2.3	12	100

Dimension: mm

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REVISED: 11.27.2018

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