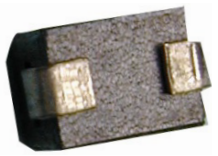
Surface Mount Ferrite Chip Beads

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 -40ºC to +85ºC.
- 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

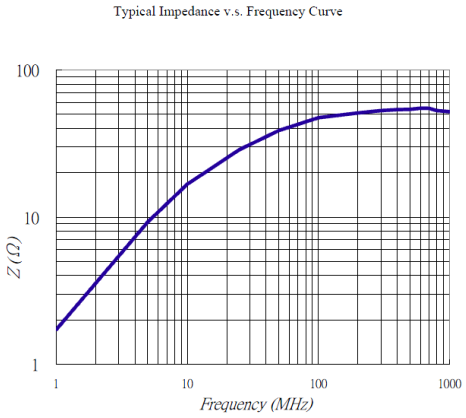
Key Electrical Specifications

Impedance	Test Frequency	Temperature Rise Current
Z (Ω)	MHz	IDC Max (A)
27 Min	25	5
47 ± 20%	100	

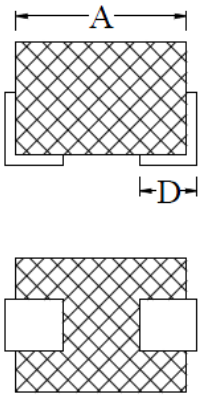
Test Conditions

Instrument: Agilent 4294A Precision Impedance Analyzer.
IDC: Based on temperature rise (Δ T : 40ºC TYP.)

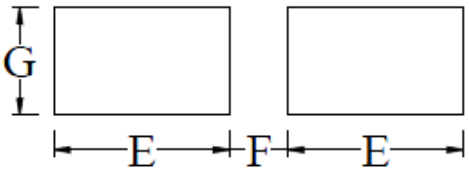
ELECTRICAL CHARACTERISTIC CURVE



OUTLINE DIMENSIONS:



Recommended Land Pattern



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

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

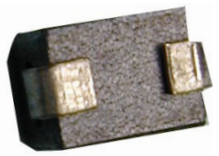
Dimension: mm

30332 Esperanza, Rancho Santa Margarita, California 92688
tel 949-546-8000 | fax 949-546-8001 | www.abracon.com

Surface Mount Ferrite Chip Beads

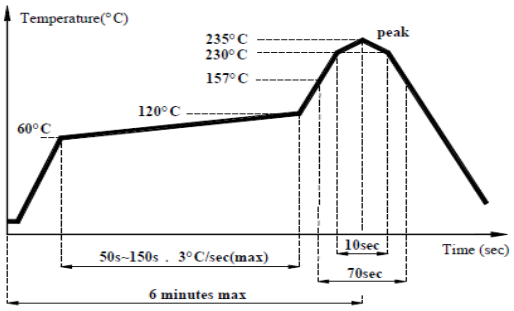
ACSB-03-T

Pb RoHS/RoHS II Compliant



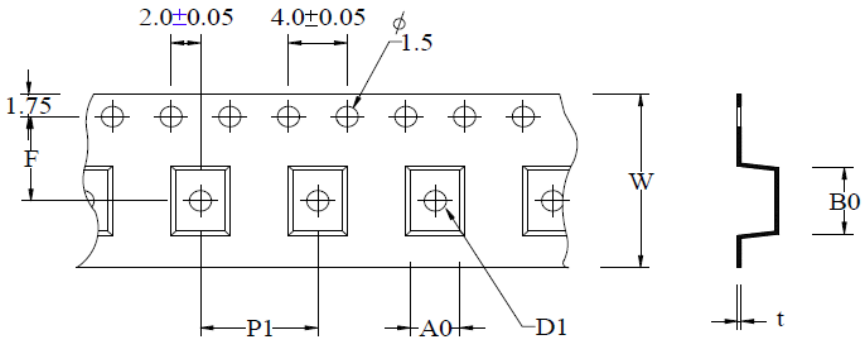
4.00 x 3.10 x 2.60mm

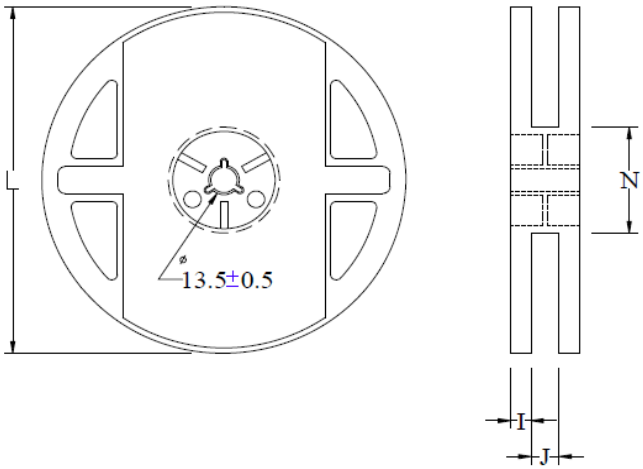
REFLOW PROFILE:



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

ATTENTION: Abracon Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon'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 Abracon Corporation is required. Please contact Abracon Corporation for more information.

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