

Surface Mount Ferrite Chip Beads



8.50 x 3.10 x 2.60mm

ACSB-02-T



RoHS/RoHS II Compliant

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-02-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
Z (Ω)	MHz	mΩ (Max)	A (Max)
55 Min	25	0.9	5
90 ± 20%	100		

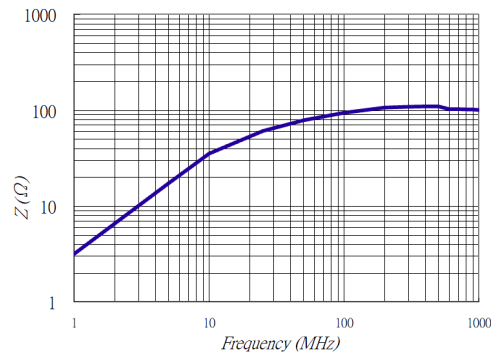
Test Conditions

Instrument: Agilent 4294A Precision Impedance Analyzer.

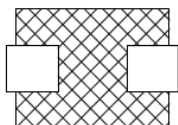
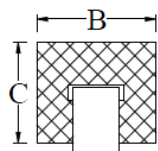
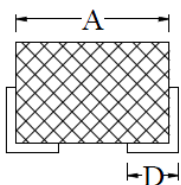
IDC: Based on temperature rise (ΔT : 40°C TYP.)

ELECTRICAL CHARACTERISTIC CURVE

Typical Impedance v.s. Frequency Curve

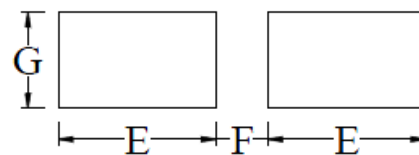


OUTLINE DIMENSIONS:



A	B	C	D
8.50±0.15	3.10±0.10	2.60±0.10	1.70±0.40

Recommended Land Pattern



E	F	G
3.00 ref.	4.5 ref.	1.8 ref.

Dimension: mm

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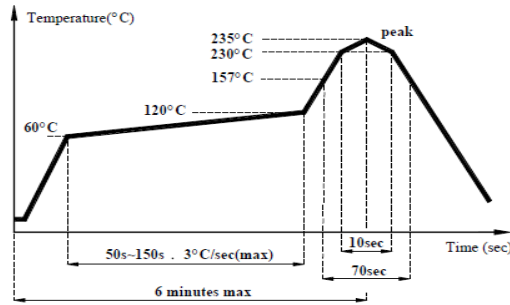
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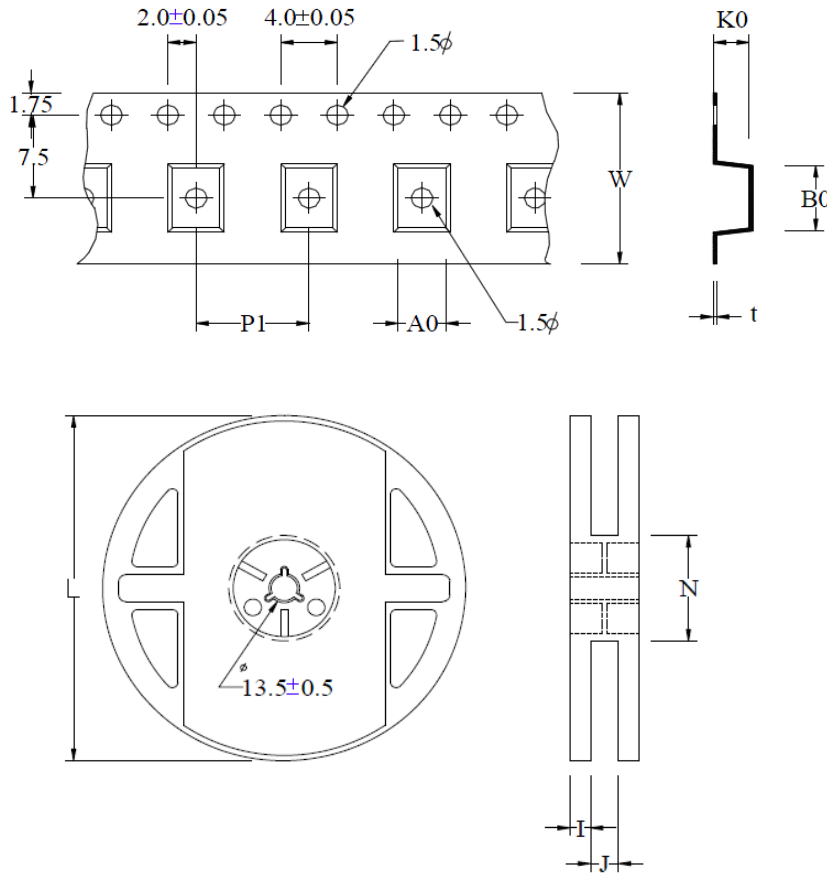
RoHS/RoHS II Compliant

REFLOW PROFILE:



TAPE & REEL:

Packing
T: 500pcs / reel



A0	B0	K0	P1	W	t	L	I	J	N
3.2 ± 0.1	9.3 ± 0.1	3.1 ± 0.1	8	16	0.3	178	1.4	16	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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