

# MULTILAYER FERRITE SHARP CHIP BEAD

ACSB-0603



**RoHS**  
Compliant



1.6 x 0.8 x 0.8mm

## FEATURES:

- Sharp impedance characteristics at desirable frequencies
- Multilayer monolithic construction yields high reliability
- Does not effect the signal frequency

## APPLICATIONS:

- Hand-held organizers
- Computer peripherals
- Industrial electronics
- Entertainment electronics devices

## STANDARD SPECIFICATIONS:

### PARAMETERS

ABRACON P/N:	ACSB-0603-xxx Series
Operating temperature:	-55°C to + 125°C
Storage temperature:	-55°C to + 125°C

Part Number	Z ( $\Omega$ ) $\pm 25\%$	RDC $\Omega$ Max	IRATE mA Max
ACSB-0603-1000	10	0.1	500
ACSB-0603-300	30	0.15	300
ACSB-0603-600	60	0.2	300
ACSB-0603-121	120	0.3	200
ACSB-0603-221	220	0.55	200
ACSB-0603-301	300	0.7	200
ACSB-0603-601	600	1.1	200
ACSB-0603-102	1000	1.5	200

## OPTIONS AND PART IDENTIFICATION:

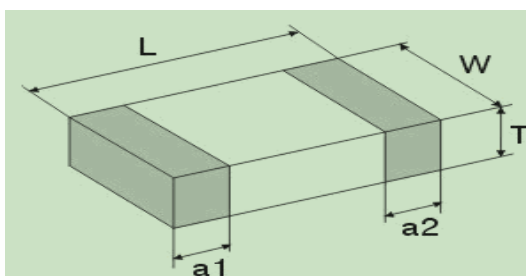
[Left blank if standard]

ACSB - 0603 - Impedance -

Impedance
Please refer to the tables above.

Packaging	
T	Tape and Reel

## OUTLINE DRAWING:



Length (L)	0.063 $\pm$ 0.006 (1.6 $\pm$ 0.15)
Width (W)	0.031 $\pm$ 0.006 (0.80 $\pm$ 0.15)
Thickness (T)	0.031 $\pm$ 0.006 (0.80 $\pm$ 0.15)
a1,a2 (BW)	0.012 $\pm$ 0.008 (0.30 $\pm$ 0.20)

Dimensions: mm

ABRACON IS  
ISO 9001 / QS 9000  
CERTIFIED



**ABRACON**  
CORPORATION

Visit [www.abracon.com](http://www.abracon.com) for Terms & Conditions of Sale **Revised: 08.16.07**  
30332 Esperanza, Rancho Santa Margarita, California 92688  
tel 949-546-8000 | fax 949-546-8001 | [www.abracon.com](http://www.abracon.com)

# MULTILAYER FERRITE SHARP CHIP BEAD

ACSB-0603



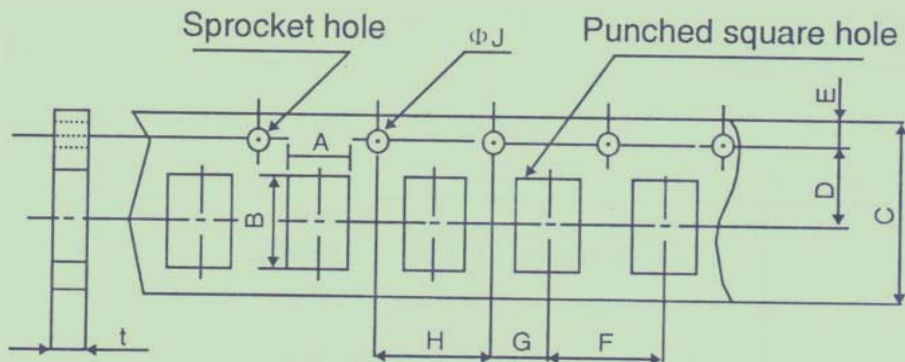
RoHS  
Compliant



1.6 x 0.8 x 0.8mm

TAPE & REEL: Tape and reel 4,000pcs/reel

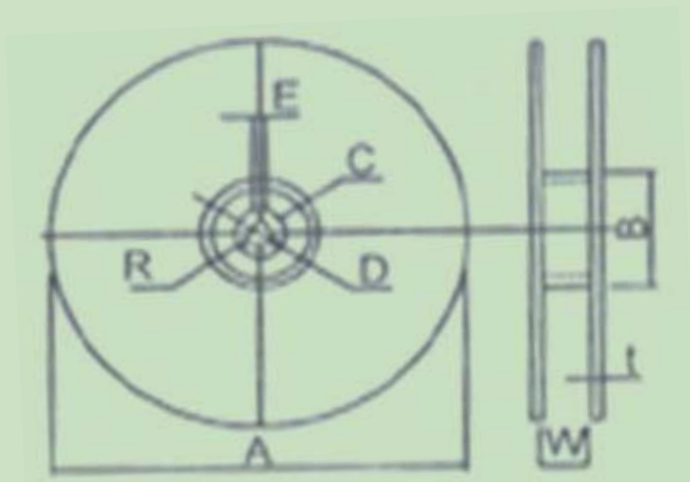
## Dimensions of Tape



Type	0603
T*	0.8±0.15
	Paper carrier tape
A	1.05±0.15
B	1.9±0.15
C	8.0±0.3
D	3.5±0.05
E	1.75±0.1
F	4.0±0.1
G	2.0±0.05
H	4.0±0.1
ΦJ	1.5+0.1/-0
t(max)	1.0±0.05

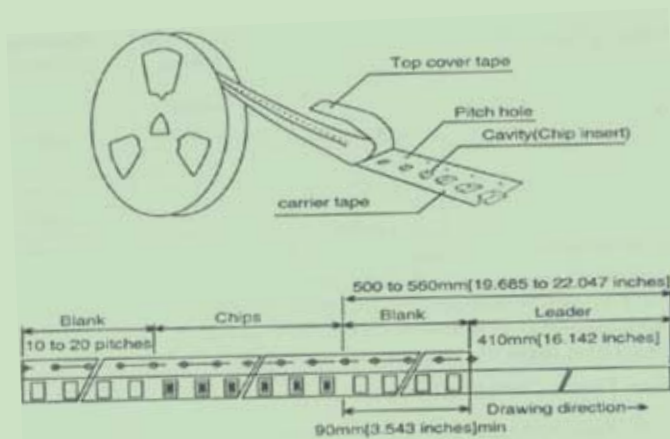
T\*: Product thickness

## Dimensions of Reel

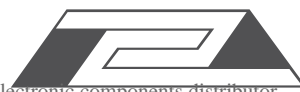


	mm
A	178±2
B	60±2
C	13.0±0.5
D	21.0±0.8
E	2.0±0.5
W	10.0±1.15
t	1.2±0.2
R	1.0±0.25

## Taping figure and drawing direction



ABRACON IS  
ISO 9001 / QS 9000  
CERTIFIED



ABRACON  
CORPORATION

Visit [www.abracon.com](http://www.abracon.com) for Terms & Conditions of Sale Revised: 08.16.07  
30332 Esperanza, Rancho Santa Margarita, California 92688  
tel 949-546-8000 | fax 949-546-8001 | [www.abracon.com](http://www.abracon.com)