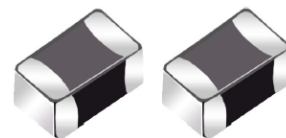


MULTILAYER FERRITE CHIP BEAD

ACML-0402



RoHS
Compliant



1.0 x 0.5 x 0.5mm

FEATURES:

- Multilayer monolithic structure yields high reliability
- Substantial EMI suppression over a wide frequency range
- Excellent solderability and heat resistance

APPLICATIONS:

- Noise suppression in digital equipment
- Reduces noise in ultra high spec circuits as well

STANDARD SPECIFICATIONS:

PARAMETERS

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

Part Number	Impedance	Frequency	DC resistance	Rated Current
Units	$\Omega \pm 25\%$	MHz	Ω max	mA max
Symbol	Z	F	R _{DC}	I _R
ACML-0402-050	5	100	0.05	500
ACML-0402-070	7	100	0.05	500
ACML-0402-110	11	100	0.05	500
ACML-0402-190	19	100	0.05	300
ACML-0402-310	31	100	0.20	300
ACML-0402-600	60	100	0.30	200
ACML-0402-800	80	100	0.30	200
ACML-0402-121	120	100	0.40	150
ACML-0402-181	180	100	0.50	150
ACML-0402-301	300	100	0.65	100
ACML-0402-501	500	100	0.80	100
ACML-0402-601	600	100	1.00	100

I_R: Rated current applied when the chip surface temperature rise 20°C

Impedance is measured on 50mV as the frequency in the table by HP4291.

DCR measuring equipment: LCR Meter HP4263A or equivalent

OPTIONS AND PART IDENTIFICATION:

ACML-0402 - -

Inductance Code

Please refer to the P/N table

Packaging

T: Tape and Reel
(4kpcs / reel)

ABRACON IS
ISO 9001:2008
CERTIFIED



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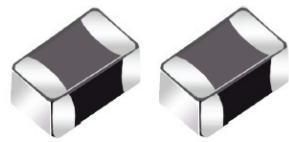
Visit www.abracon.com for Terms & Conditions of Sale **Revised: 01.11.11**
30332 Esperanza, Rancho Santa Margarita, California 92688
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MULTILAYER FERRITE CHIP BEAD

ACML-0402



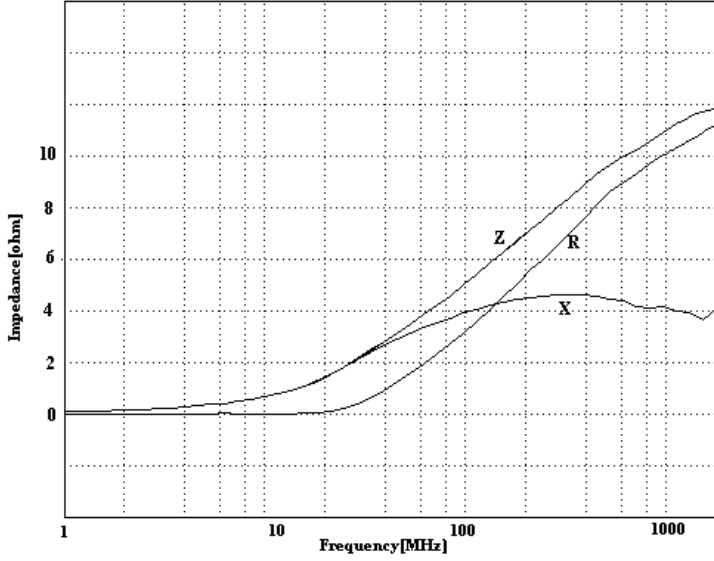
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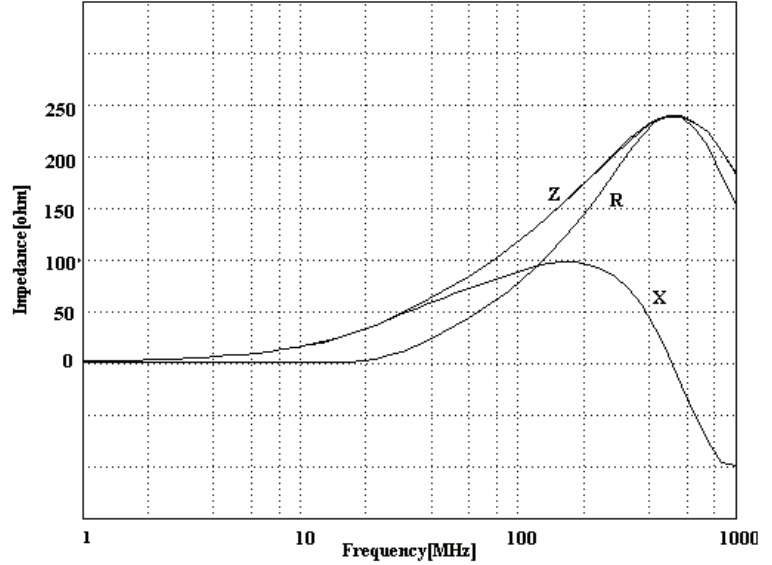
1.0 x 0.5 x 0.5mm

FREQUENCY RESPONSE

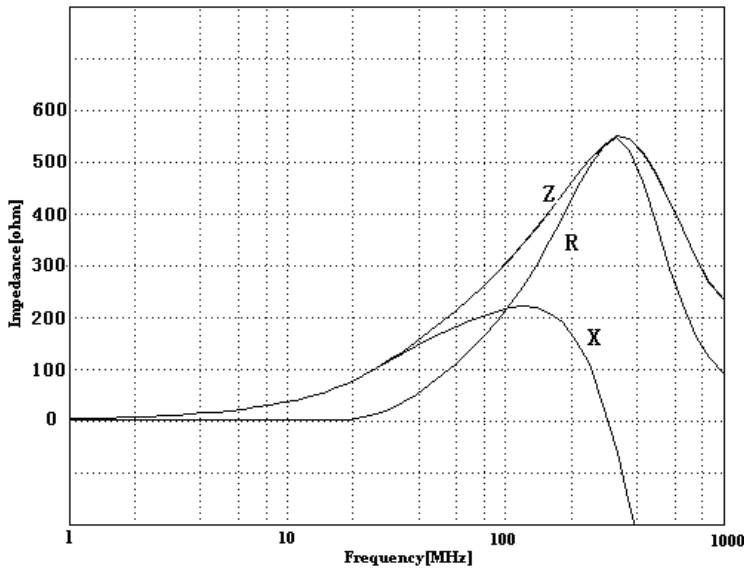
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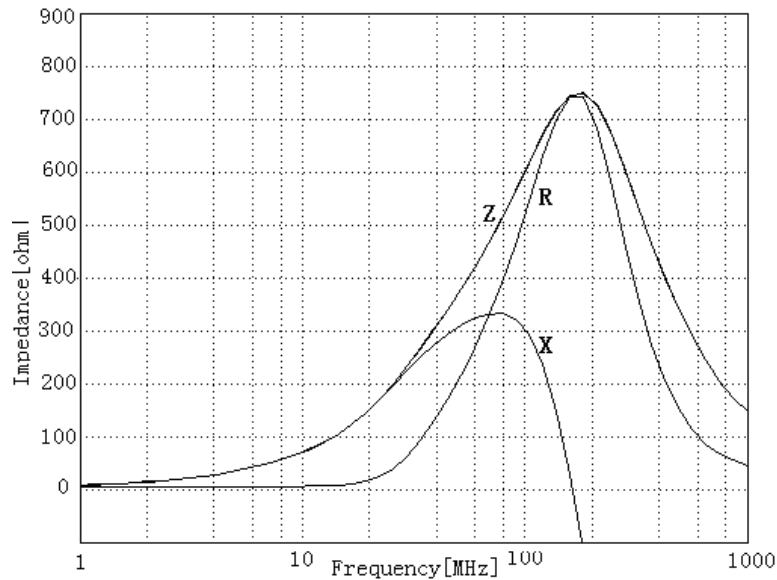
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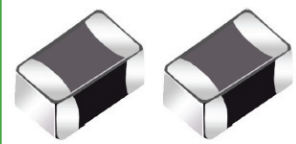
ACML-0402-301



ACML-0402-601



MULTILAYER FERRITE CHIP BEAD



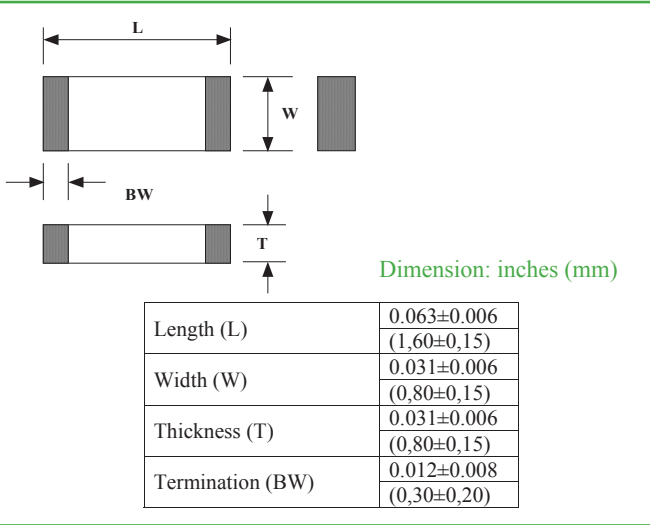
1.0 x 0.5 x 0.5mm

ACML-0402

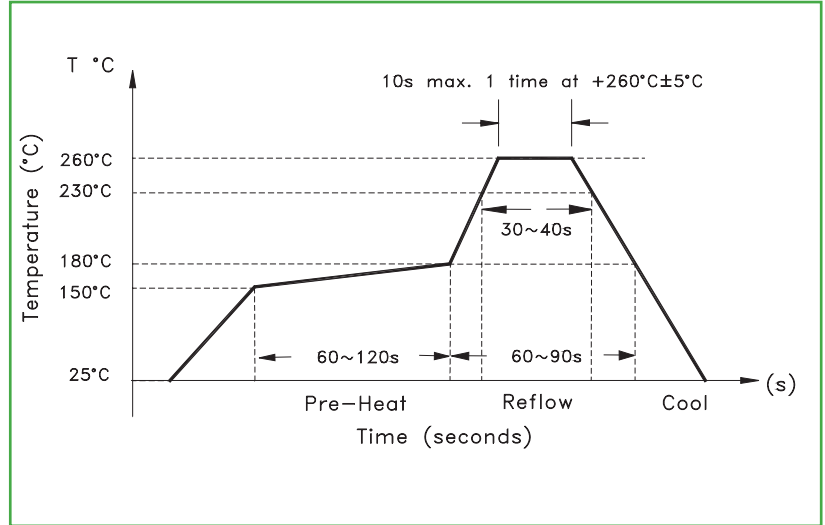


RoHS
Compliant

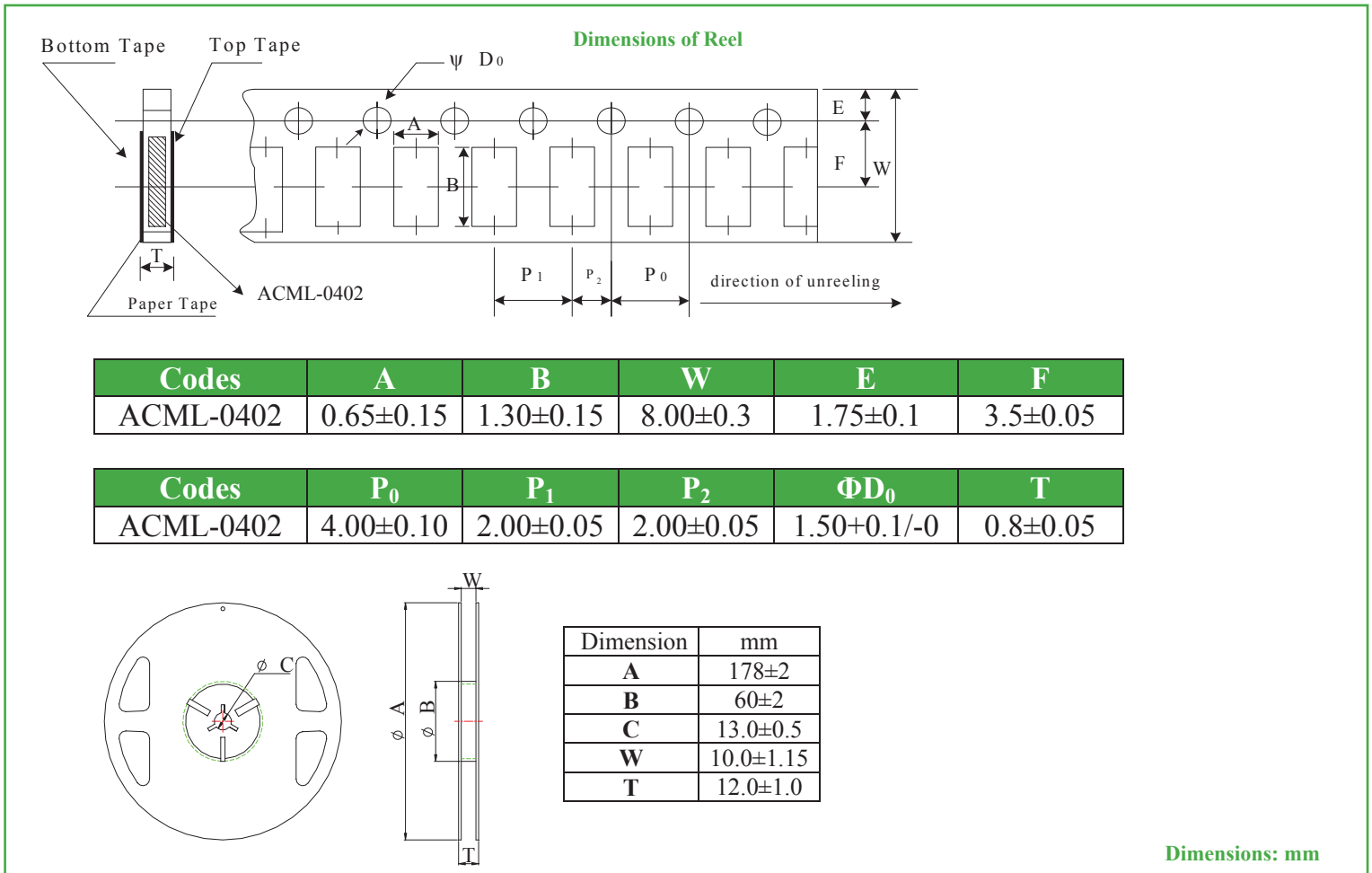
OUTLINE DRAWING:



REFLOW PROFILE:



TAPE & REEL: Tape and reel 10,000pcs/reel



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