

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

STANDARD SPECIFICATIONS:

PARAMETERS

ABRACON P/N:	ACML-0402 Series
Operating temperature:	-55°C to + 125°C
Storage temperature:	-55°C to + 125°C

Part Number	(Ω), $\pm 25\%$ @100MHz	RDC Ω Max	Ir mA Max
ACML-0402-5	5	0.05	500
ACML-0402-7	7	0.05	500
ACML-0402-11	11	0.05	500
ACML-0402-19	19	0.05	300
ACML-0402-31	31	0.20	300
ACML-0402-60	60	0.30	200
ACML-0402-80	80	0.30	200
ACML-0402-120	120	0.40	150
ACML-0402-180	180	0.50	150
ACML-0402-220	220	0.60	125
ACML-0402-240	240	0.60	125
ACML-0402-300	300	0.65	100
ACML-0402-470	470	0.80	100
ACML-0402-500	500	0.80	100
ACML-0402-600	600	1.00	100
ACML-0402-1000	1000	1.20	100
ACML-0402-1500	1500	1.30	60

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

OPTIONS AND PART IDENTIFICATION:

(Left blank if standard)

ACML - 0402 - -

Impedance

Please refer to the tables above.

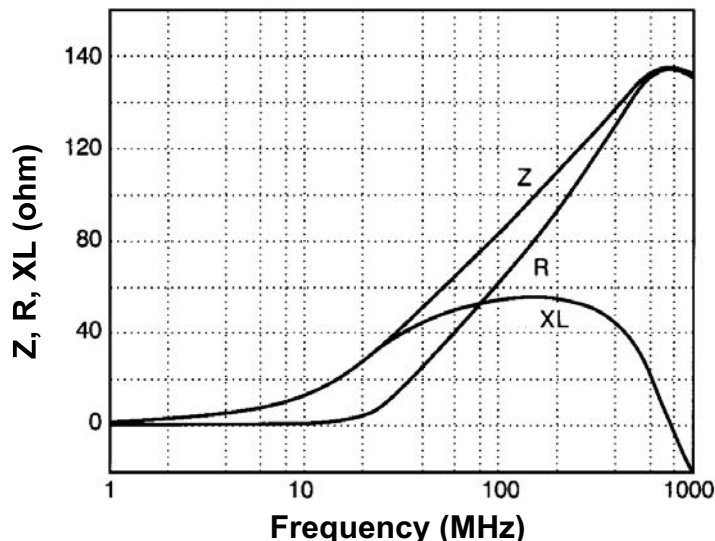
Packaging

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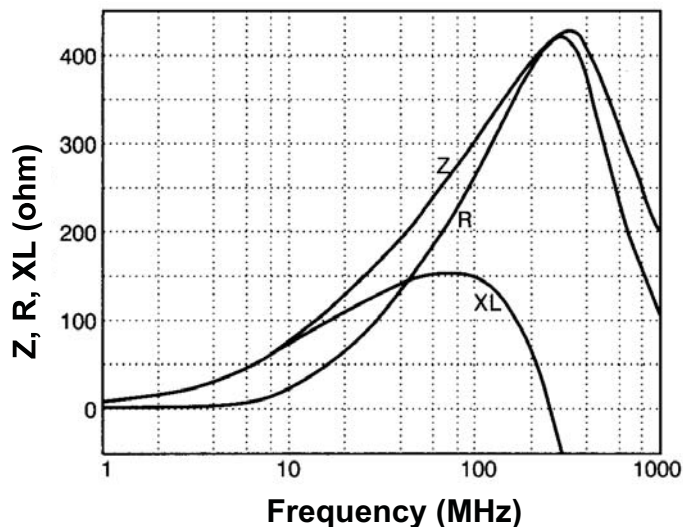
Tape and Reel

TYPICAL ELECTRICAL CHARACTERISTICS:

ACML-0402-80



ACML-0402-300



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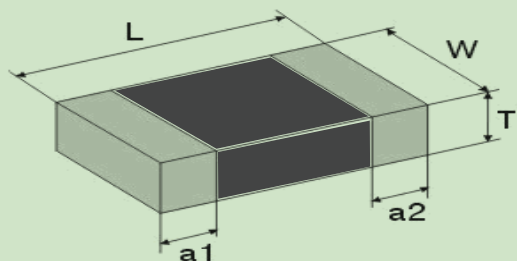


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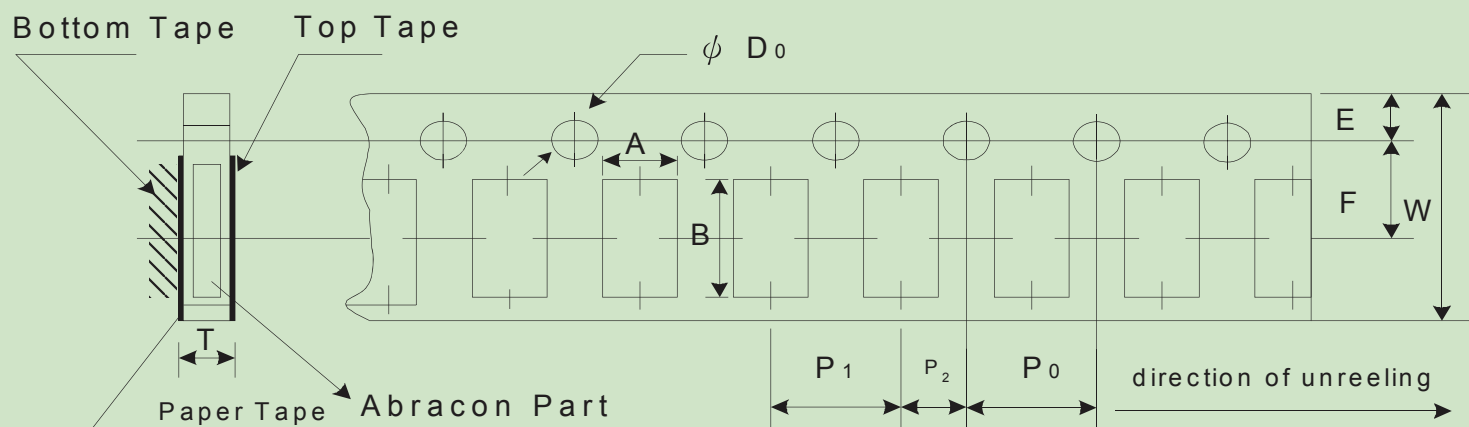
OUTLINE DRAWING:



Length (L)	0.04±0.006 (1.00±0.15)
Width (W)	0.02±0.006 (0.50±0.15)
Thickness (T)	0.02±0.006 (0.50±0.15)
a1,a2 (BW)	0.01±0.004 (0.25±0.10)

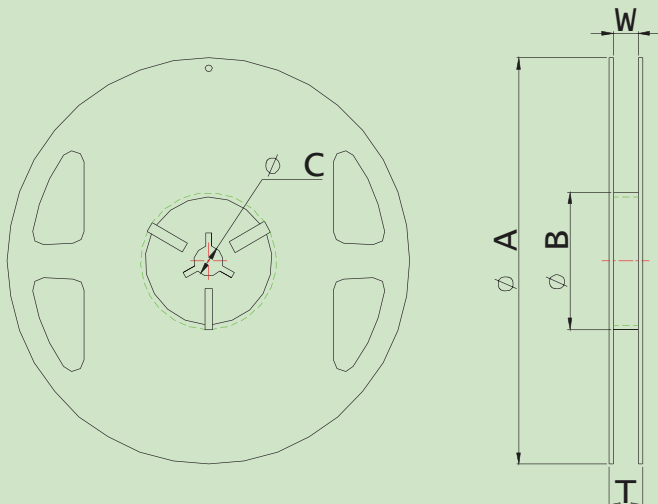
Dimensions: Inches
(mm)

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



Codes	A	B	W	E	F
ACML-0402	1.10±0.05	1.90±0.05	8.00±0.10	1.75±0.05	3.5±0.05

Codes	P ₀	P ₁	P ₂	ΦD ₀	T
ACML-0402	4.00±0.10	4.00±0.10	2.00±0.05	1.55±0.05	0.60±0.03



	mm
A	178±2
B	60±2
C	13.0±0.5
W	10.0±1.15
T	12.0±1.0

Dimensions: mm

ABRACON IS
ISO 9001 / QS 9000
CERTIFIED



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