HIGH CURRENT MULTILAYER CHIP BEAD

ACML-0603H

1.6 x 0.8 x 0.8mm

Pb RoHS Compliant

FEATURES:

- Multilayer monolithic structure yields high reliability
- Unique terminal electrode structure ensures permissable currents
- High impedence over a wide frequency range

APPLICATIONS:

- Audio & Video Equipment
- Automotive Electrical Equipment
- Communication Equipment
- OA Equipment

STANDARD SPECIFICATIONS:

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

Part Number	Z (Ω) ±25%	Test Freq MHz	Rdc Ω Max	Ir mA Max
ACML-0603H-050	5	100	0.03	2000
ACML-0603H-110	11	100	0.03	2000
ACML-0603H-310	31	100	0.05	1500
ACML-0603H-600	60	100	0.08	1500
ACML-0603H-121	120	100	0.1	1200
ACML-0603H-221	220	100	0.15	1000
ACML-0603H-301	300	100	0.2	1000
ACML-0603H-501	500	100	0.28	800
ACML-0603H-601	600	100	0.35	800

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

OPTIONS AND PART IDENTIFICATION:

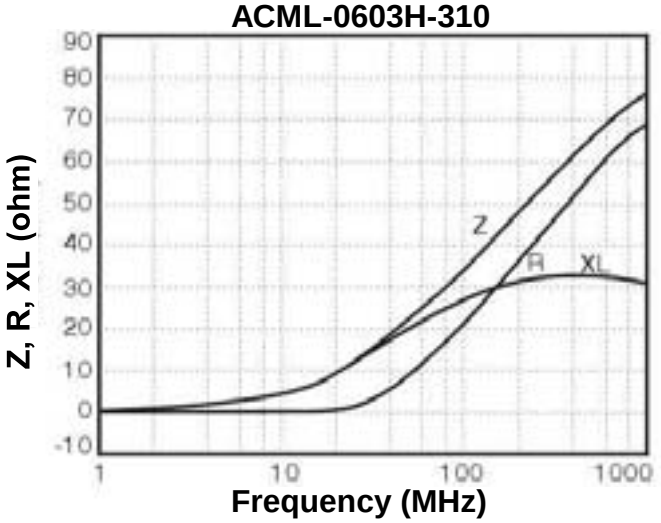
(Left blank if standard)

ACML - 0603H - □□□ - □

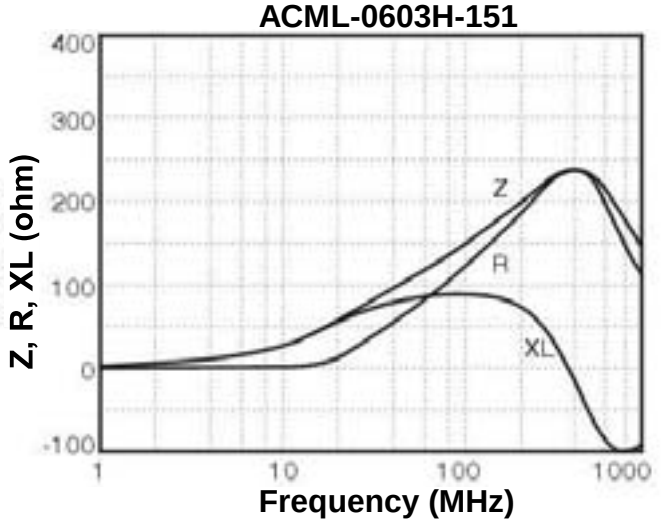
Impedance	Packaging	
Please refer to the tables above.	T	Tape and Reel

TYPICAL ELECTRICAL CHARACTERISTICS:

ACML-0603H-310



ACML-0603H-151



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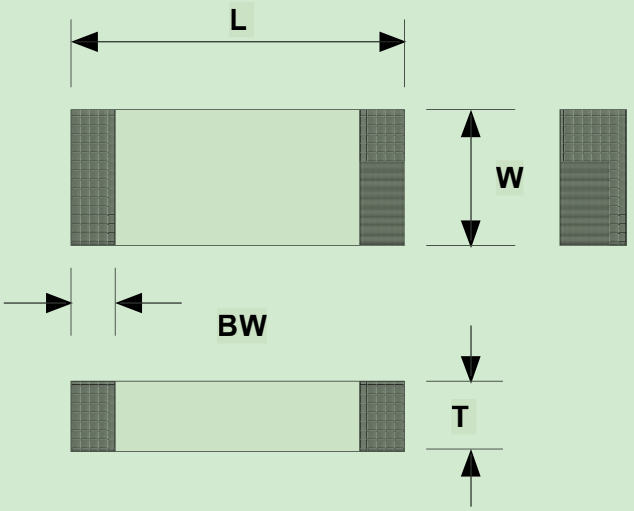
Pb RoHS Compliant

OUTLINE DRAWING:

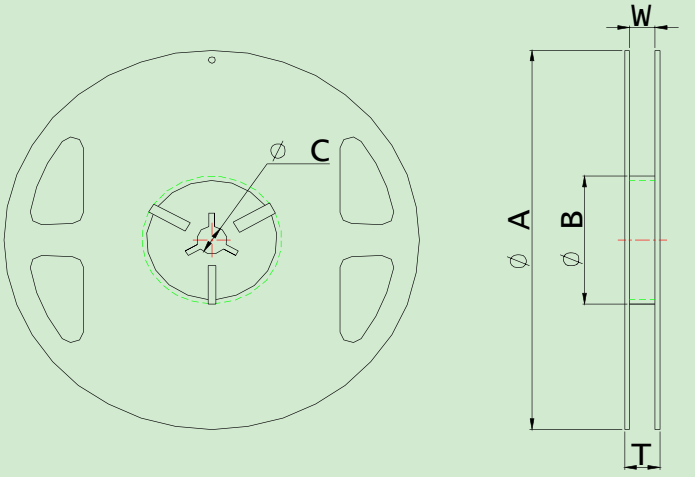
Dimensions: Inches (mm)



Length (L)	0.063±0.006 (1.60±0.15)
Width (W)	0.031±0.006 (0.80±0.15)
Thickness (T)	0.031±0.006 (0.80±0.15)
Termination (BW)	0.012±0.008 (0.30±0.20)

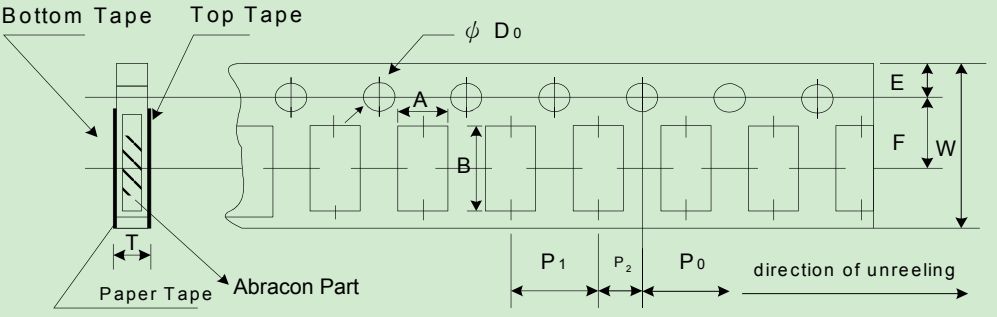
TAPE & REEL: Tape and reel 4,000pcs/reel

Dimensions of Reel



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

Dimensions of Tape



Codes	A	B	W	E	F
ACML-0603H	1.05±0.15	1.90±0.15	8.00±0.3	1.75±0.1	4.0±0.1

Codes	P_0	P_1	P_2	ΦD_0	T
ACML-0603H	4.00±0.10	4.00±0.10	2.00±0.05	1.55±0.05	1.0±0.03

Dimension: mm

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

ABRACON:

ACML-0603H-050-T ACML-0603H-301-T ACML-0603H-600-T ACML-0603H-221-T ACML-0603H-601-T ACML-0603H-310-T ACML-0603H-121-T ACML-0603H-501-T ACML-0603H-110-T ABM11-28.63636MHZ-D2X-T3 ABM11-40.000MHZ-D2X-T3