MULTILAYER FERRITE CHIP BEAD

ACML-0603





> 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

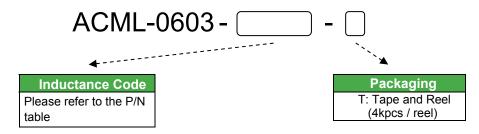
STANDARD SPECIFICATIONS:

PARAMETERS				
ABRACON P/N:	ACML-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	Ω ± 25%	MHz	Ω max	mA max
Symbol	Z	F	R _{DC}	I_R
ACML-0603-060	6	100	0.05	1000
ACML-0603-110	11	100	0.05	1000
ACML-0603-190	19	100	0.05	1000
ACML-0603-220	22	100	0.20	800
ACML-0603-310	31	100	0.05	500
ACML-0603-500	50	100	0.08	500
ACML-0603-600	60	100	0.30	600
ACML-0603-800	80	100	0.16	200
ACML-0603-101	100	100	0.20	200
ACML-0603-121	120	100	0.40	600
ACML-0603-181	180	100	0.30	200
ACML-0603-221	220	100	0.45	500
ACML-0603-301	300	100	0.35	200
ACML-0603-331	330	100	0.50	500
ACML-0603-471	470	100	0.55	400
ACML-0603-501	500	100	0.45	200
ACML-0603-601	600	100	0.45	200
ACML-0603-102	1000	100	0.80	200
ACML-0603-152	1500	100	0.80	200
ACML-0603-202	2000	100	1.00	200

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:



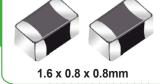
ABRACON IS ISO9001:2008 CERTIFIED



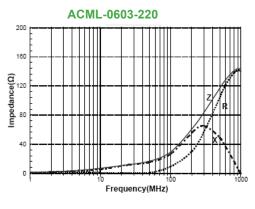
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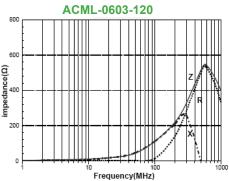
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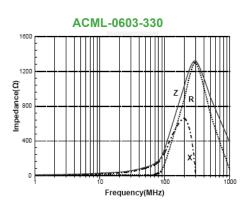


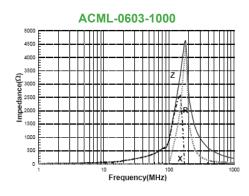


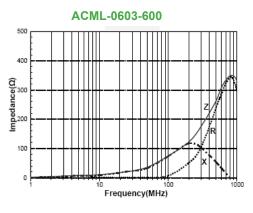
> FREQUENCY RESPONSE

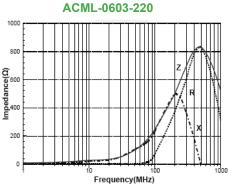


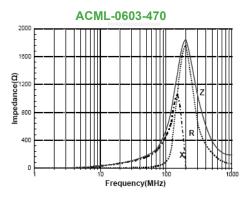


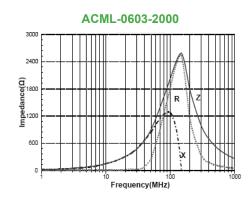










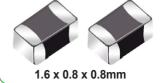




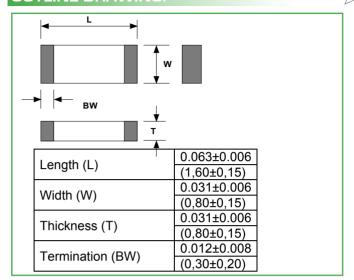
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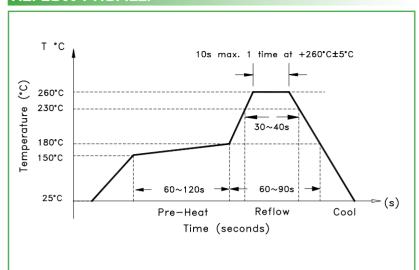




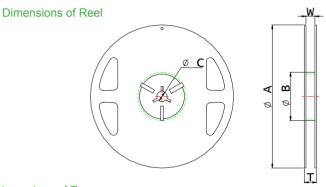




> REFLOW PROFILE:

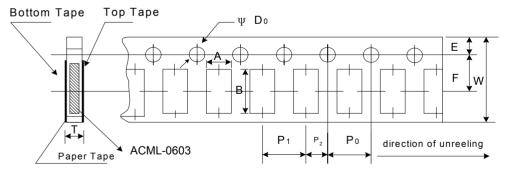


TAPE & REEL: Tape and reel 4,000pcs/reel



Dimension	mm		
Α	178±2		
В	60±2		
С	13.0±0.5		
W	10.0±1.15		
T	12.0±1.0		

Dimensions of Tape



Codes	Α	В	W	E	F
ACML-0603	1.05±0.15	1.90±0.15	8.00±0.3	1.75±0.1	3.5±0.05

Codes	P_0	P ₁	P_2	ΦD_0	T
ACML-0603	4.00±0.10	4.00±0.10	2.00±0.05	1.50+0.1/-0	1.0±0.05

Dimension: mm

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