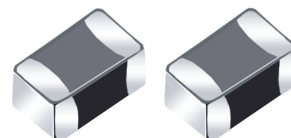


0805 Multilayer Ferrite Chip Bead

ACML-0805



RoHS
Compliant



2.0 x 1.25 x 0.85mm

FEATURES:

- Multilayer monolithic construction yields high reliability
- Nickel barrier terminations provide excellent solder heat resistance
- Suitable for flow and reflow soldering
- Other sizes are available

APPLICATIONS:

- Video equipment, audio equipment
- Automotive electrical equipment
- Communication equipment
- OA equipment and other

ELECTRICAL SPECIFICATIONS:

PARAMETERS

ABRACON P/N: ACML-805-XXX

Operating temperature: -55°C to + 125°C

Storage temperature: -55°C to + 125°C

Note

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.

Part Number	Z (Ω) ±25%	Freq MHz	R _{DC} Ω Max	I _R mA Max
ACML-0805-7	7	100	0.05	2200
ACML-0805-11	11	100	0.05	2000
ACML-0805-17	17	100	0.05	2000
ACML-0805-19	19	100	0.05	2000
ACML-0805-26	26	100	0.05	1500
ACML-0805-31	31	100	0.05	1500
ACML-0805-36	36	100	0.05	1500
ACML-0805-50	50	100	0.05	1000
ACML-0805-60	60	100	0.05	1000
ACML-0805-70	70	100	0.08	1000
ACML-0805-80	80	100	0.10	1000
ACML-0805-100	100	100	0.12	1000
ACML-0805-120	120	100	0.15	800
ACML-0805-150	150	100	0.15	800
ACML-0805-180	180	100	0.20	600
ACML-0805-220	220	100	0.20	600
ACML-0805-300	300	100	0.25	500
ACML-0805-500	500	100	0.30	500
ACML-0805-600	600	100	0.35	500
ACML-0805-750	750	100	0.35	300
ACML-0805-1000	1000	100	0.45	300
ACML-0805-1200	1200	50	0.50	200
ACML-0805-1500	1500	50	0.65	200
ACML-0805-2000	2000	50	0.80	200

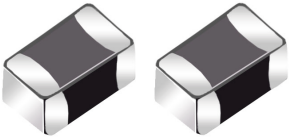
OPTIONS AND PART IDENTIFICATION

ACML - 0805 - □□□ - □

Impedance
Please refer to the tables above.

Packaging
T Tape and Reel

0805 Multilayer Ferrite Chip Bead

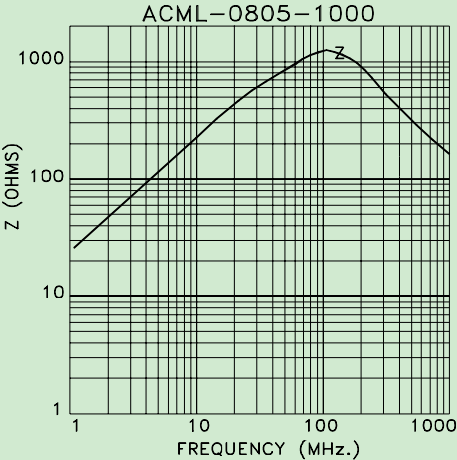
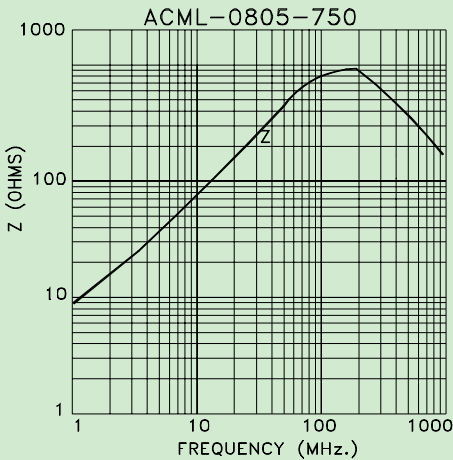
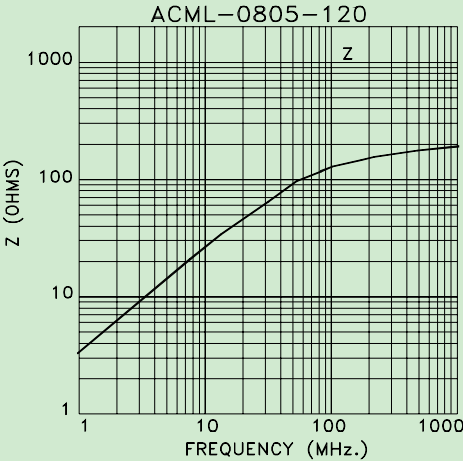
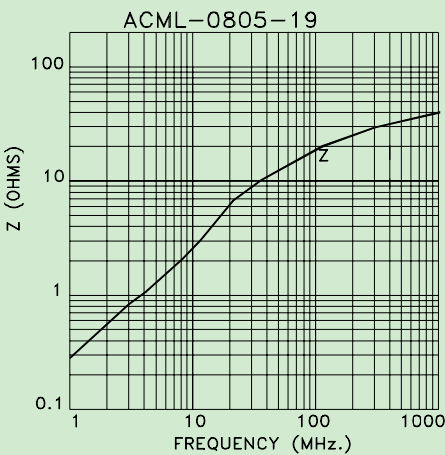


.079 x .049 x .033mm

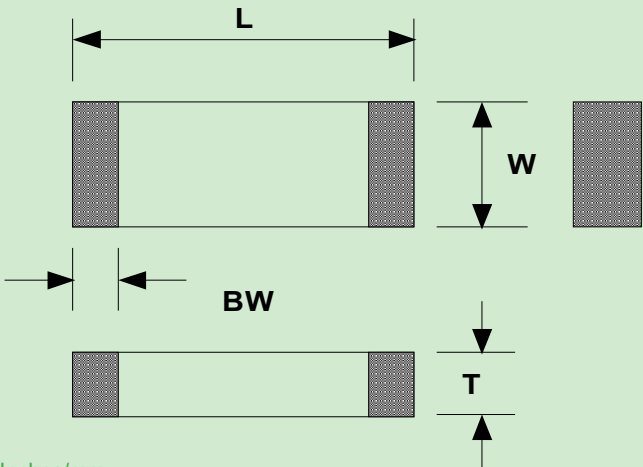
ACML-0805



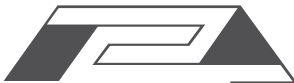
FREQUENCY CURVES:



OUTLINE DRAWING:



Length (L)	0.079±0.007 (2,00±0,20)
Width (W)	0.049±0.008 (1,25±0,20)
Thickness (T)	0.033±0.008 (0,85±0,20)
Termination (BW)	0.020±0.008 (0,50±0,20)

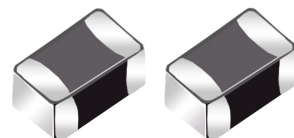


0805 Multilayer Ferrite Chip Bead

ACML-0805

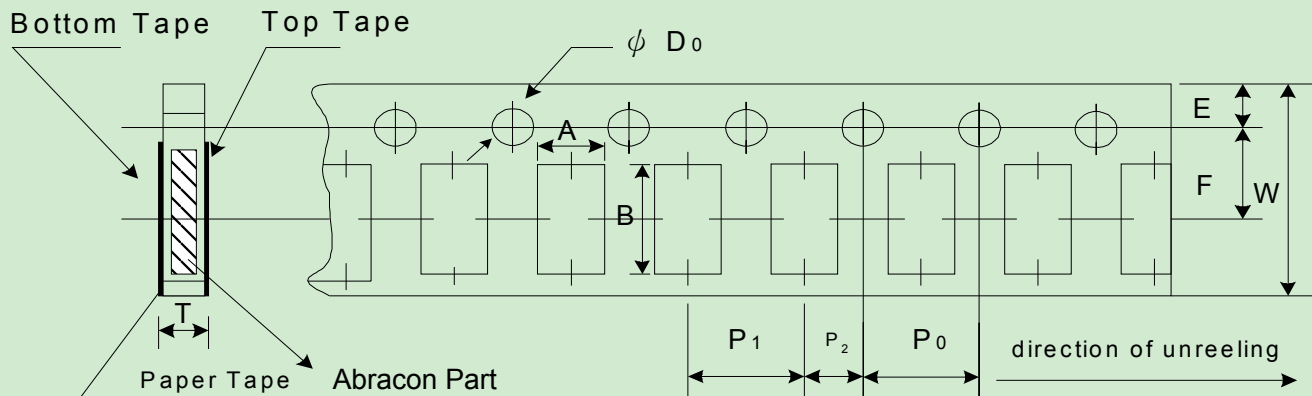


RoHS
Compliant



2.0 x 1.25 x 0.85mm

TAPE & REEL:

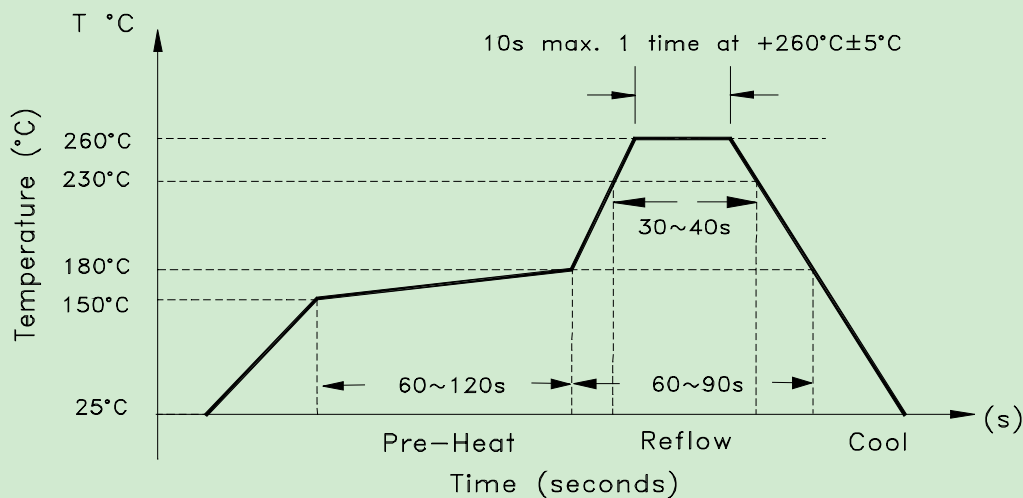


Codes	A	B	W	E	F
ACML-0805	1.5±0.15	2.50±0.2	8.00±0.3	1.75±0.1	3.5±0.1

Codes	P ₀	P ₁	P ₂	ΦD ₀	T
ACML-0805	4.00±0.10	4.00±0.10	2.00±0.05	1.5+0.1/-0	1.1±0.03

Dimension: mm

REFLOW PROFILE:



Dimension: mm