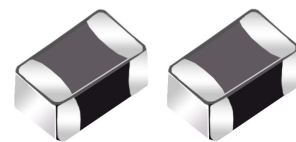


ULTRA LARGE CURRENT MULTILAYER FERRITE CHIP BEAD

ACML-0805U



RoHS
Compliant



2.0 x 1.25 x 0.85mm

FEATURES:

- Suitable for large current applications, current rating up to 4A
- 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

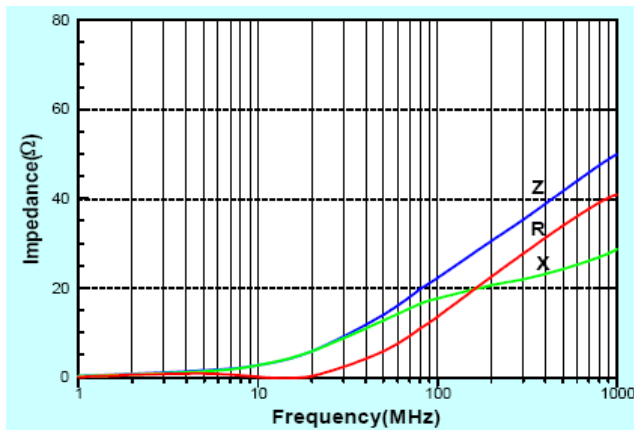
STANDARD SPECIFICATIONS:

PARAMETERS	
ABRACON P/N:	ACML-0805U-xxx Series
Operating temperature:	-55°C to + 125°C
Storage temperature:	-55°C to + 125°C

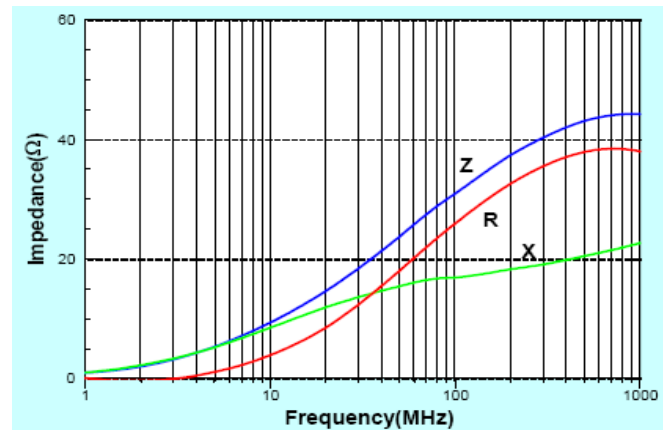
Part Number	Z (Ω)	Test Freq MHz	Rdc Ω Max	Ir mA Max
	±25%			
ACML-0805U-220	22	100	0.01	6000
ACML-0805U-300	30	100	0.01	6000
ACML-0805U-600	60	100	0.02	4000
ACML-0805U-121	120	100	0.02	4000
ACML-0805U-221	220	100	0.04	3000
ACML-0805U-331	330	100	0.05	2500
ACML-0805U-601	600	100	0.09	2000
ACML-0805U-102	1000	100	0.12	1500

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

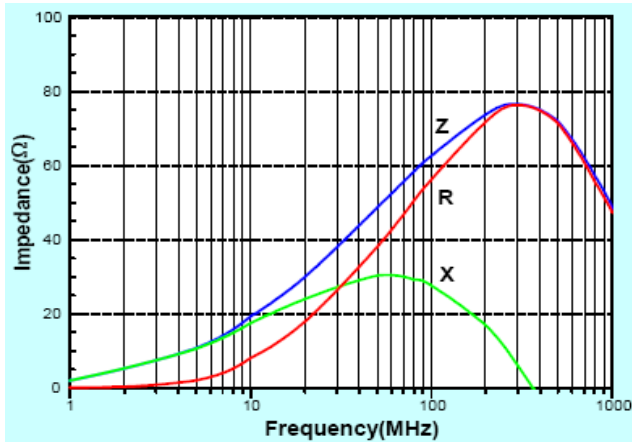
TYPICAL ELECTRICAL CHARACTERISTICS:



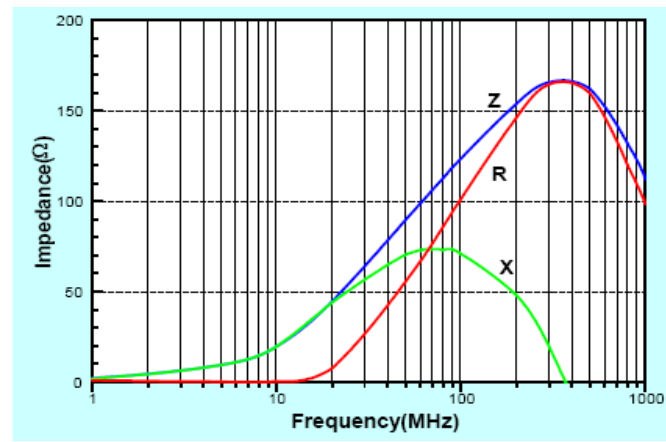
ACML-0805U-220



ACML-0805U-300



ACML-0805U-600



ACML-0805U-121

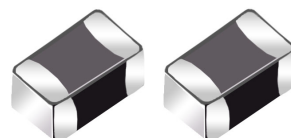


ULTRA LARGE CURRENT MULTILAYER FERRITE CHIP BEAD

ACML-0805U

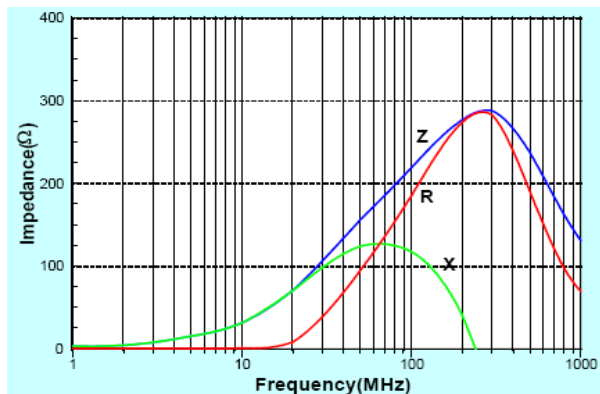


RoHS
Compliant

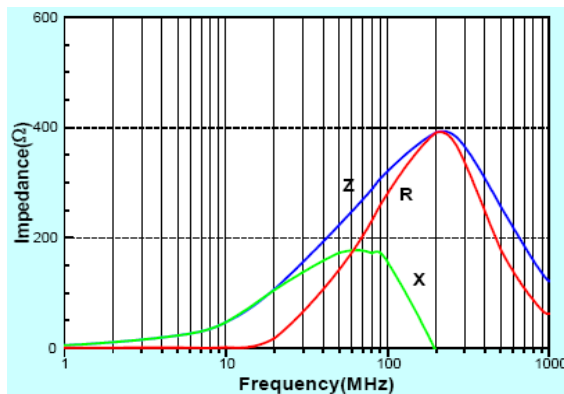


2.0 x 1.25 x 0.85mm

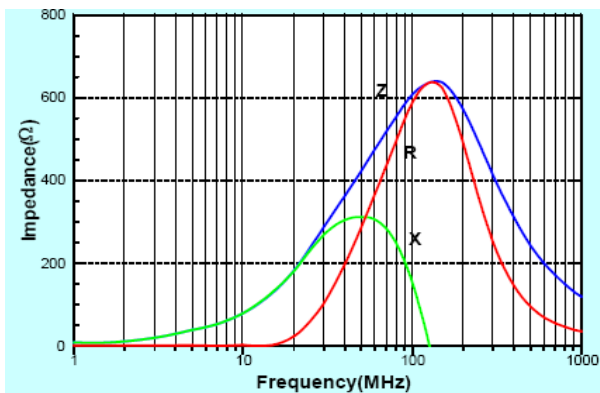
TYPICAL ELECTRICAL CHARACTERISTICS:



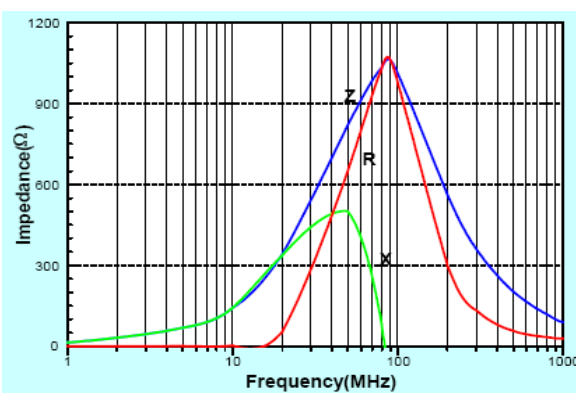
ACML-0805U-221



ACML-0805U-331



ACML-0805U-601



ACML-0805U-102

OPTIONS AND PART IDENTIFICATION:

ACML - 0805U - □□□ □ □

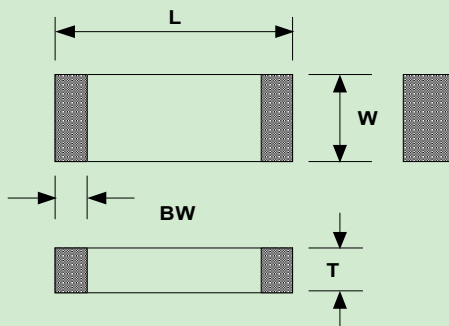
Impedance

Please refer to the tables above.

Packaging

T Tape and Reel

OUTLINE DIMENSIONS:



Length (L)	0.079±0.8 (2.0±0.2)
Width (W)	0.049±0.008 (1.25±0.2)
Thickness (T)	0.033±0.008 (0.85±0.2)
Termination (BW)	0.02±0.012 (0.5±0.3)

Dimension : Inches (mm)

NOTE: Abracon manufactured products are intended for general commercial and industrial use. For applications requiring high reliability and/or presenting extreme operating environment, written consent & authorization from Abracon is required.

ABRACON IS
ISO 9001 / QS 9000
CERTIFIED



ABRACON
CORPORATION

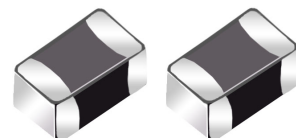
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30332 Esperanza, Rancho Santa Margarita, California 92688
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ULTRA LARGE CURRENT MULTILAYER FERRITE CHIP BEAD

ACML-0805U

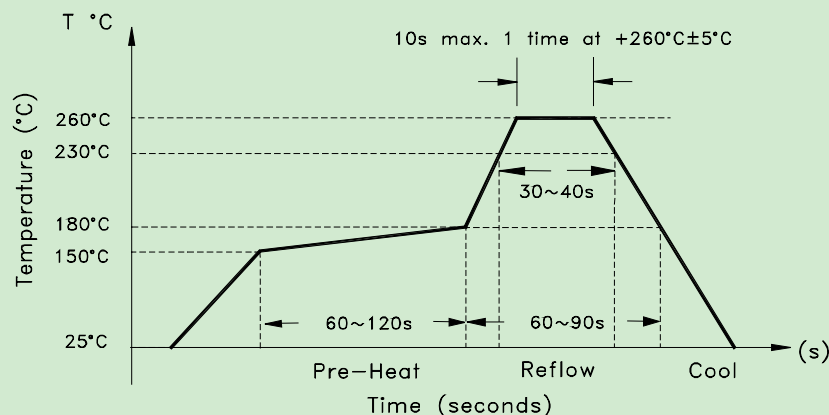


RoHS
Compliant



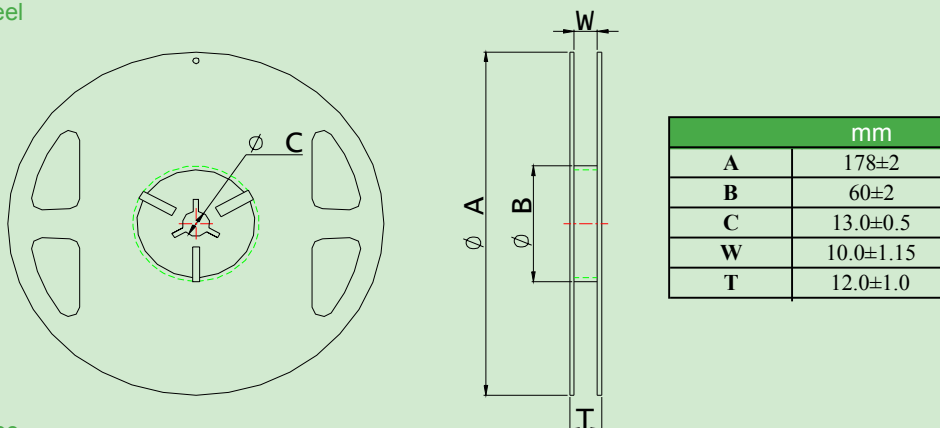
2.0 x 1.25 x 0.85mm

REFLOW PROFILE:

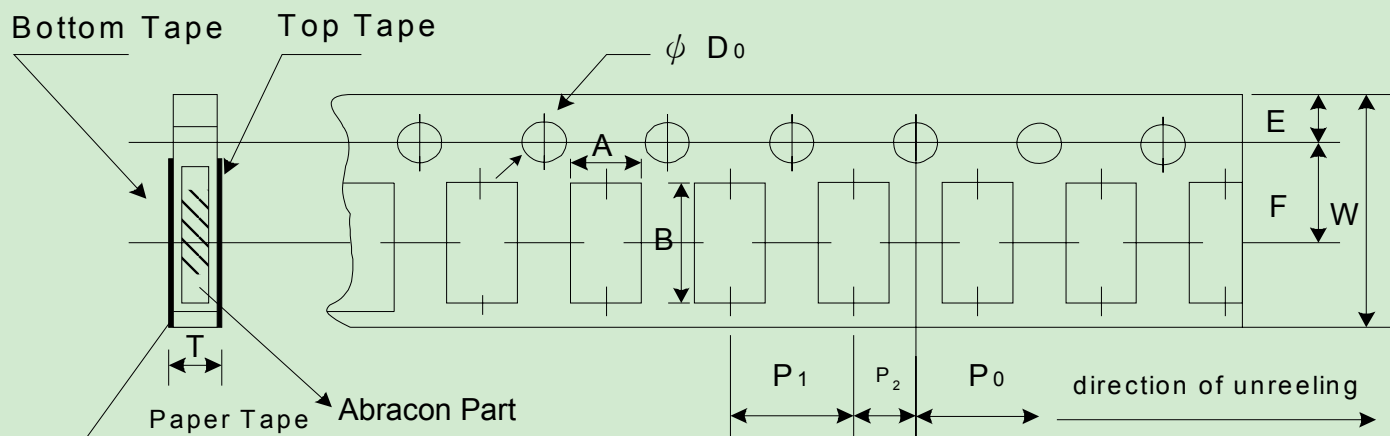


TAPE & REEL: Tape and reel 4,000pcs/reel

Dimensions of Reel



Dimensions of Tape



Codes	A	B	W	E	F
ACML-0805U	1.5±0.2	2.30±0.2	8.00±0.3	1.75±0.1	4.0±0.1

Codes	P ₀	P ₁	P ₂	ΦD ₀	T
ACML-0805U	4.00±0.10	4.00±0.10	2.00±0.05	1.55±0.05	1.1±0.03

Dimension: mm

Mouser Electronics

Authorized Distributor

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

[ABRACON:](#)

[ACML-0805U-121-T](#) [ACML-0805U-220-T](#) [ACML-0805U-300-T](#) [ACML-0805U-331-T](#) [ACML-0805U-600-T](#)