

**Wire Wound Chip Common Mode Choke Coil -ACML-E Series 片式绕线共模电感**  
**Operating Temp. : -40℃~+125℃**

● **FEATURES 特性**

1. 绕线工艺, 小尺寸, 低封装高度.  
Winding type realizes small size and low profile.
2. 抑制高频共模噪音性能优良.  
Prevention of common mode noise at high frequency.
3. 满足AEC-Q200认证. AEC-Q200 verified.



● **APPLICATIONS 用途**

1. 用于多媒体系统, 以太网, A2B上的共模噪音滤除  
Common mode noise filtering for Multimedia system, Ethernet, A2B.

● **PART NUMBERING SYSTEM 品名系统**

ACML 4532 E - 201 - 2P - T  
A B C D E F

A: Automobile Type 车载型号

C: For Multimedia system, Ethernet, A2B.

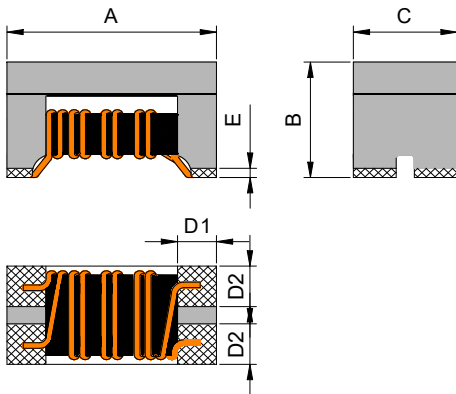
E: Number of line 2P : 2-Line

B: External Dimensions 外形尺寸 A\*C

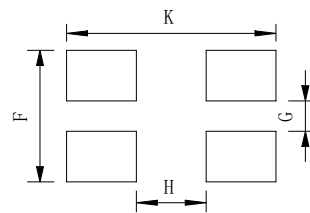
D: Inductance Value ( 201 = 200uH)感值

F: Packaging : T=Taping and reel 包装: 载盘编带

● **SHAPES AND DIMENSIONS 外形尺寸 (Unit:mm)**



**Recommended Land Pattern**



TYPE(型号)	A	B	C	D1	D2	E	F	G	H	K
ACML3225E	3.2±0.2	2.5Max	2.5±0.2	0.8 Ref	0.8Ref	0.25Max	3.5Ref	0.6Ref	1.6 Ref	4.1Ref
ACML4532E	4.5±0.2	2.6±0.2	3.2±0.2	0.75 Ref	0.75Ref	0.5 Max	3.4Ref	1.6 Ref	2.9 Ref	5.5 Ref

● SPECIFICATION TABLE:

ACML3225E Series

Part No.	Inductance(uH)	Test Frequency (KHz)/0.1V	DCR (Ω) Max	Max. Rated Current (mA)	Rated Voltage (Vdc)	Insulation Resistance (MΩ) Min.
ACML3225E-101-2P-T	100+50%/-30%	100	1.50	150	80	10
ACML3225E-201-2P-T	200+50%/-20%	100	5.00	70	80	10

ACML4532E Series

Part No.	Inductance(uH)	Test Frequency (KHz)/0.1V	DCR (Ω) Max	Max. Rated Current (mA)	Rated Voltage (Vdc)	Insulation Resistance (MΩ) Min.
ACML4532E-201-2P-T	200+50%/-25%	100	4.5	100	50	10

1. Operating temperature range : -40℃~125℃ (Including self - temperature rise)
2. Storage temperature range (packaging conditions): -40℃~125℃ (Including self - temperature rise) and RH 70% (Max.)
3. Rated Current (Irms)

Irms is direct electric current as chip surface temperature rose just 20℃ or 40℃ against chip initial surface temperature (Ta)  
Temperature rise: Rated Current < 1A ΔT 20℃ Max

Rated Current ≥ 1A ΔT 40℃ Max

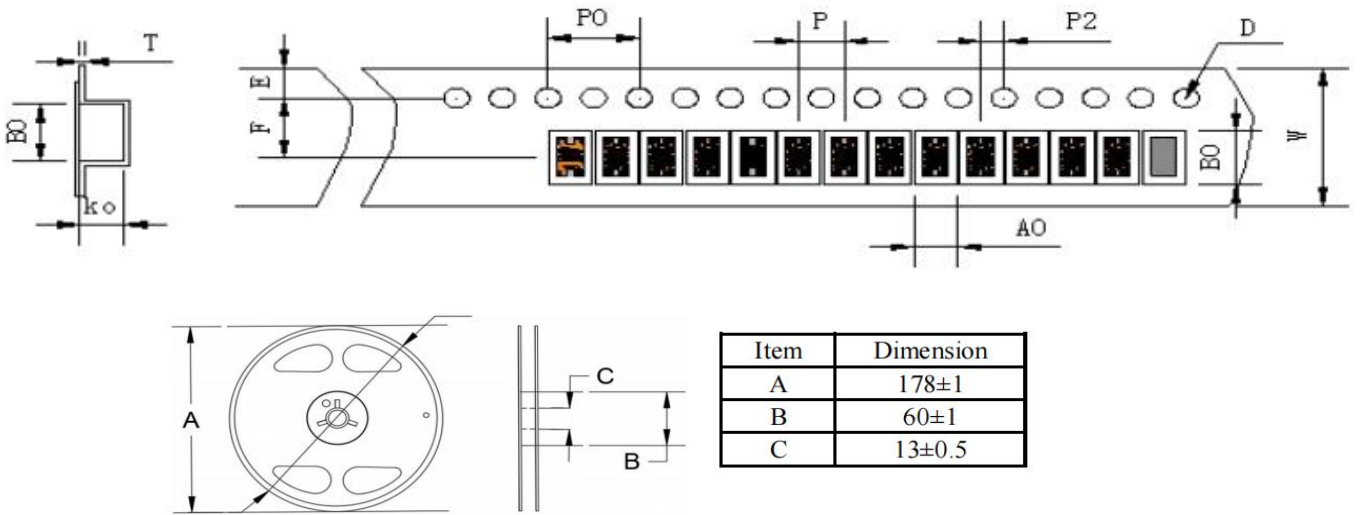
● **PACKAGING SPECIFICATION :**

1. Packaging - Cover Tape

The force for tearing off cover tape is 20 to 100 grams in the arrow direction.



2. Packaging - Tape & Reel



Type	Tape Dimension (mm)						Reel Dimension (mm)			Quantity (Pcs/Reel)
	W	A0	B0	K0	D	P	A	B	C	
ACML3225E	12	2.9	3.5	2.7	1.5	4	178	60	13	1000 pcs
ACML4532E	12	3.7	4.95	2.95	1.5	8	178	60	13	500pcs