

# EMC Components

## Common Mode Filters

### SMD

## ACT Series ACT45B Type

### FEATURES

- Operating temperature range covers from -40 to +150°C.
- Non-dissolution of the abutment amounts in circuit board mounting.
- The products contain no lead and also support lead-free soldering.
- This product does not contain regulated substances that are slated to be included in RoHS.

### APPLICATIONS

CAN-BUS system, facsimiles, modems, ISDN

### PACKAGING STYLE AND QUANTITIES

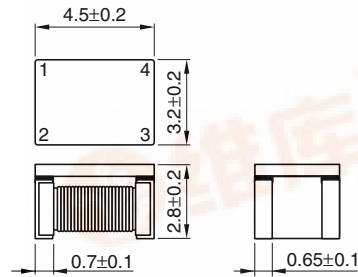
Packaging style	Quantity
Taping	2000 pieces/reel

### PRODUCT IDENTIFICATION

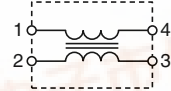
ACT45B - 510 - 2P - TL  
 (1) (2) (3) (4)

- (1) Series name
- (2) Product identification number
- (3) Number of line  
2P: 2-line
- (4) Packaging style  
TL: ø330mm reel taping

### SHAPES AND DIMENSIONS



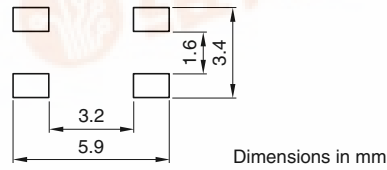
### CIRCUIT DIAGRAM



Weight: 0.14g

Dimensions in mm

### RECOMMENDED PC BOARD PATTERN



Dimensions in mm



### ELECTRICAL CHARACTERISTICS

Part No.	Common mode impedance (Ω)[10MHz]		DC resistance (Ω)max.	Rated current (A)max.	Insulation resistance (MΩ)min.	Rated voltage (V)max.
	min.	typ.				
ACT45B-510-2P	1000	2000	1.0	0.2	100	50

### TYPICAL ELECTRICAL CHARACTERISTICS

#### IMPEDANCE vs. FREQUENCY CHARACTERISTICS

#### ACT45B-510-2P

