

EMC Components

Common Mode Filters

SMD

ACT Series ACT45B Type

FEATURES

- Operating temperature range covers from -40 to $+150^{\circ}\text{C}$.
- 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

PRODUCT IDENTIFICATION

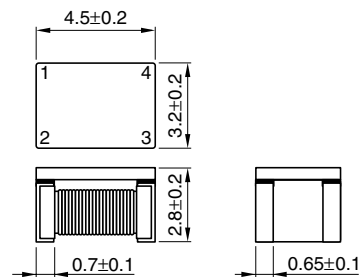
ACT45B - 510 - 2P - TL
(1) (2) (3) (4)

- (1) Series name
(2) Product identification number
(3) Number of line
2P: 2-line
(4) Packaging style
TL: $\phi 330\text{mm}$ reel taping

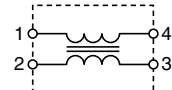
PACKAGING STYLE AND QUANTITIES

Packaging style	Quantity
Taping	2000 pieces/reel

SHAPES AND DIMENSIONS



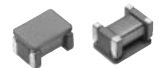
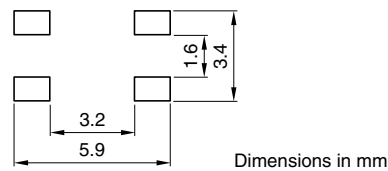
CIRCUIT DIAGRAM



Weight: 0.14g

Dimensions in mm

RECOMMENDED PC BOARD PATTERN



ELECTRICAL CHARACTERISTICS

Part No.	Common mode impedance (Ω)[10MHz]		DC resistance (Ω)max.	Rated current (A)max.	Insulation resistance (M Ω)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

