

## CHIP COMMON MODE CHOKES FASCCM3216 SERIES



### FEATURES:

Powerful components with composite co-fired material to solve EMI problem for high speed differential signal transmission line as USB, and LVDS without distortion to high speed signal transmission

### APPLICATIONS:

MIPI, MHL serial interface in mobile device

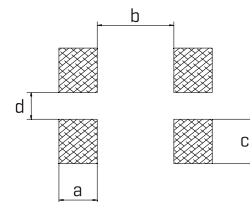
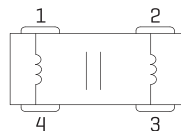
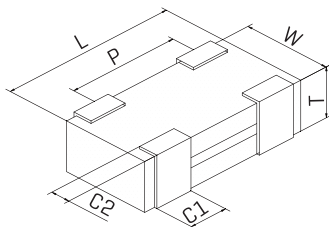
### GENERAL SPECIFICATIONS:

Rated current:0.5A  
Parameters Test Temp:25°C  
Test Frequency:100MHz  
Operating temperature:-20°C to +85°C  
Storage Temp:-0°C to +40°C  
Resistance to Soldering Heat:260°C for 10 sec  
Temperature Rise:40°C Typ. at Rated Current  
All parts meet ROHS compliance

### ELECTRICAL CHARACTERISTICS

Part Number	Impedance [ohm]±25%	D.C.R [ohm]Max at 25°C	Rated current [mA]Max	Rated Voltage [V]	Withstand Voltage [V]	Insulation Resistance [Mohm]Min
FASCCM3216-900	90	0.50	500	10	25	200
FASCCM3216-121	120	0.50	500	10	25	200

### TECHNICAL INFORMATION AND PAD LAYOUT:



#### DIMENSIONS:MM

Part number	L	W	T	P	C1	C2	a	b	c	d
FASCCM3216	3.20±0.2	1.60±0.2	1.00±0.1	2.10±0.2	0.70±0.2	0.30±0.2	0.70 REF	1.40 REF	1.00 REF	0.60 REF