

## COMMON MODE CHOKES FASF453226,453228L SERIES



### FEATURES:

Low profile and very small size SMD Design, Wound Chip constructure with standard 453226 to 453228 size, with best EMI suppression effect but least impact to data signal wave form.

### APPLICATIONS:

Preventive measure against high speed signal radiation emissions such as USB 2.0 IEEE 1394 or LAN interface. Best for NB, DSC, mobile device design.

### GENERAL SPECIFICATIONS:

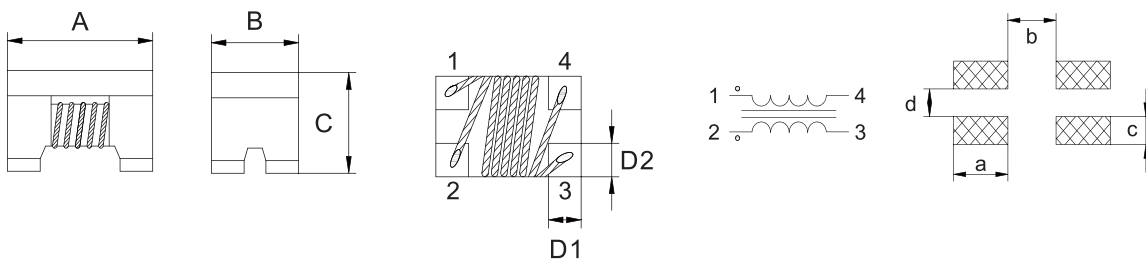
Impedance tolerance: Min at 20°C.  
Operating temperature: -20°C to +105°C  
Storage Temp: -0°C to +40°C  
Resistance to Soldering Heat: 260°C for 10 sec.  
Temperature Rise: 40°C Typ. at Rated Current.  
All parts meet ROHS compliance.

### ELECTRICAL CHARACTERISTICS

Part Number	Inductance (uH) 100KHz/100mV	Tolerance	Impedance (Ω) Typ 10MHz	D.C.Resistor (Ω) Max at 20°C	Rated current (mA)Max
FASF453226L-101	100	+50(-30)%	5800	2.0	250
FASF453228L-110	11	+50(-30)%	600	0.6	250
FASF453228L-220	22	+50(-30)%	1200	1.0	200
FASF453228L-510	51	+50(-30)%	2800	1.0	200

### TECHNICAL INFORMATION

### ELECTRICAL SCHEMATIC & PAD LAYOUT



### DIMENSIONS:MM

Part number	A	B	C	D1	D2	a	b	c	d
FASF453226	4.50±0.2	3.20±0.2	2.60±0.2	1.00 REF	1.00 REF	1.40 REF	2.10 REF	1.60 REF	0.40 REF
FASF453228	4.80±0.2	3.20±0.2	2.80±0.2	1.00 REF	1.00 REF	1.40 REF	2.10 REF	1.60 REF	0.40 REF