

## COMMON MODE CHOKES FASF4532,4828 SERIES



### FEATURES:

Low profile and very small size SMD design, Wound Chip constructure with standard 201212 to 482822 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, D SC, mobile device design.

### GENERAL SPECIFICATIONS:

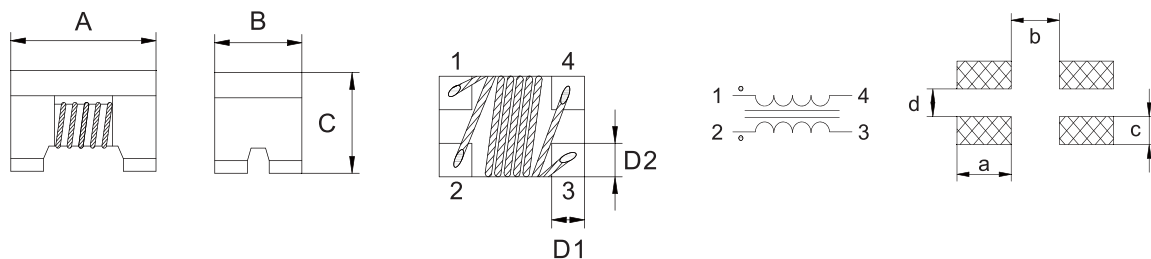
Impedance tolerance: Min at 20°C.  
Operating temperature: -20°C to +105°C.  
Storage Temp: -0°C to +40°C  
Resistance to Soldering Heat: 260°C for 10 sec.  
Temperature Rise: 40°C Typ. at Rated Current.  
All parts meet ROHS compliance.

### ELECTRICAL CHARACTERISTICS

Part Number	Impedance [ $\Omega$ ] $\pm 25\%$ 100MHz	D.C.Resistor [ $\Omega$ ] Max at 20°C	Rated current [mA]Max	Part Number	Impedance [ $\Omega$ ] $\pm 25\%$ 100MHz	D.C.Resistor [ $\Omega$ ] Max at 20°C	Rated current [mA]Max
FASF4532-900	90	0.050	4000	FASF4828-600	60	0.10	3000
FASF4532-231	230	0.051	3500	FASF4828-121	120	0.20	2000
FASF4532-421	420	0.052	3200	FASF4828-221	220	0.20	2000
FASF4532-601	600	0.065	2500	FASF4828-601	600	0.20	2000
FASF4532-801	800	0.100	2300	FASF4828-701	700	0.15	2000
FASF4532-901	900	0.100	2200	FASF4828-102	1000	0.40	1000
FASF4532-102	1000	0.110	2100	FASF4828-122	1200	0.40	1000
FASF4532-142	1400	0.120	2000	FASF4828-142	1400	0.40	1000

### TECHNICAL INFORMATION

### ELECTRICAL SCHEMATIC & PAD LAYOUT



### DIMENSIONS:MM

Part number	A	B	C	D1	D2	a	b	c	d
FASF4532	4.50 $\pm$ 0.2	3.20 $\pm$ 0.2	2.80 $\pm$ 0.2	1.00 REF	1.00 REF	1.40 REF	2.10 REF	1.60 REF	0.40 REF
FASF4828	4.80 $\pm$ 0.2	2.80 $\pm$ 0.2	2.20 $\pm$ 0.2	0.75 REF	0.75 REF	1.25 REF	3.00 REF	1.00 REF	0.70 REF