

COMMON MODE CHOKES FASF4532A SERIES



FEATURES:

For Automotive wire wound common mode choke coil, Effective for EMI suppression of common mode noise emission. Compatible with RoHS Directive and AEC-Q200. Compatible with Automotive required operating temperature.

APPLICATIONS:

Preventive measure against high speed signal radiation emission such as CAN-BusFax, Modem, ISDNs... etc.

GENERAL SPECIFICATIONS:

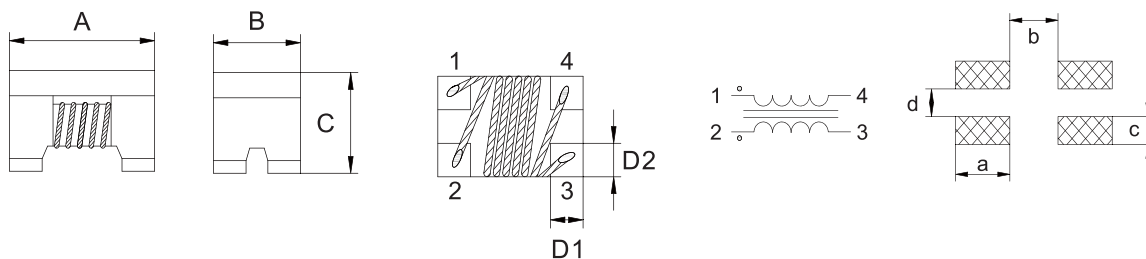
Impedance tolerance: Min at 20°C.
Operating temperature: -40°C to +125°C
Storage Temp: -0°C to +40°C
Resistance to Soldering Heat: 260 for 10 sec.
Temperature Rise: 40°C Typ. at Rated Current.
All parts meet RoHS compliance.

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
FASF4532A-110	11	+50(-30)%	600MHz	0.60	250
FASF4532A-220	22	+50(-30)%	1200MHz	1.00	200
FASF4532A-510	51	+50(-30)%	2800MHz	1.00	200
FASF4532A-101	100	+50(-30)%	5800MHz	2.00	150

TECHNICAL INFORMATION

ELECTRICAL SCHEMATIC & PAD LAYOUT



DIMENSIONS:MM

Part number	A	B	C	D1	D2	a	b	c	d
FASF4532A	4.50±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