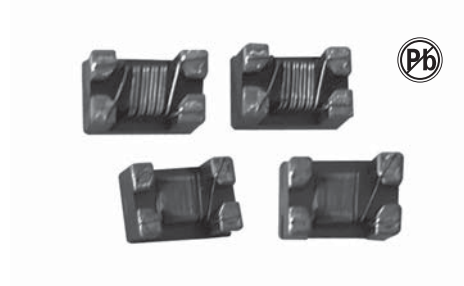


COMMON MODE CHOKES FASF1210,2012HS SERIES



FEATURES:

Low profile and very small size SMD Design, Wound Chip constructure with standard 121009 and 201212 size, Best EMI suppression effect least impact to High Speed signal integrity.

APPLICATIONS:

High Speed signal.

GENERAL SPECIFICATIONS:

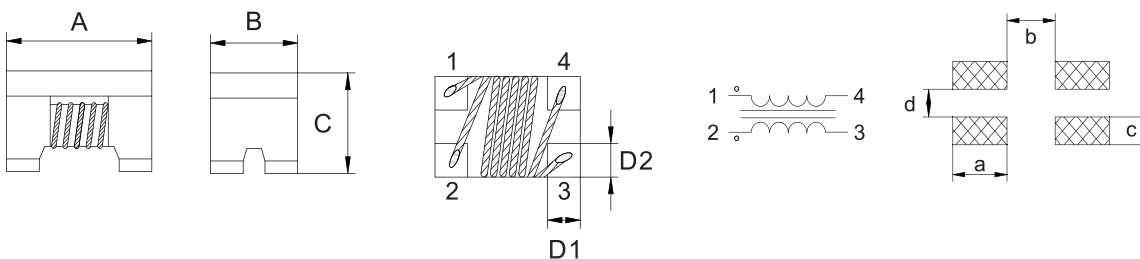
Impedance tolerance: Min at 20°C.
Operating temperature: -20°C to +105°C.
Storage Temp: -0°C to +40°C.
Resistance to Soldering Heat: 260°C for 10 sec.
Temperature Rise: 40°C Typ. at Rated Current.
All parts meet ROHS compliance.

ELECTRICAL CHARACTERISTICS

Part Number	Impedance [ohm] $\pm 25\%$	Test Frequency	CUT-OFF FREQUENC [GHz]Typ	D.C.Resistor [mohm] Max at 20°C	Rated current [mA]
FASF1210HS-250	25	100MHz	7.5	0.25	420
FASF1210HS-600	60	100MHz	6.0	0.25	400
FASF1210HS-900	90	100MHz	6.0	0.30	400
FASF2012HS-120	12	100MHz	7.5	0.20	450
FASF2012HS-240	24	100MHz	7.5	0.25	420
FASF2012HS-320	32	100MHz	7.5	0.25	400
FASF2012HS-670	67	100MHz	6.0	0.25	400
FASF2012HS-900	90	100MHz	6.0	0.30	400

TECHNICAL INFORMATION

ELECTRICAL SCHEMATIC & PAD LAYOUT



DIMENSIONS:MM

Part number	A	B	C	D1	D2	a	b	c	d
FASF1210HS	1.20 \pm 0.2	1.00 \pm 0.2	0.90 \pm 0.2	0.36 REF	0.38 REF	0.45 REF	0.60 REF	0.45 REF	0.30 REF
FASF2012HS	2.00 \pm 0.2	1.20 \pm 0.2	1.20 \pm 0.2	0.45 REF	0.40 REF	0.90 REF	0.80 REF	0.40 REF	0.40 REF