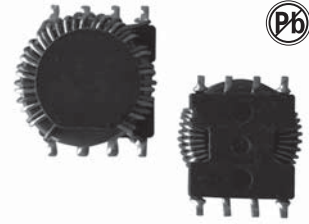


SMD COMMON MODE CHOKES FASCM1310 SERIES



FEATURES:

High impedance for common mode noise and low impedance for differential mode signal.
Large rated current available.
Wide band or sharp type impedance curve available.

APPLICATIONS:

Prevention of common mode noise on signal lines and power lines for computer related or electronic products.

GENERAL SPECIFICATIONS:

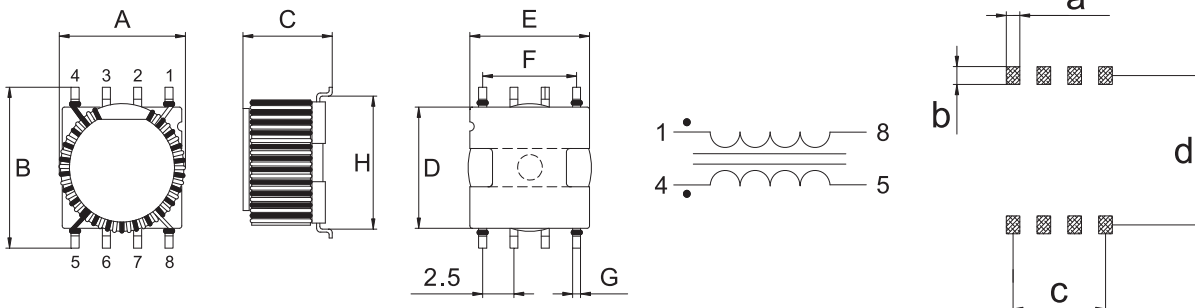
Rated current 2.0A to 3.5A.
Impedance: 364Ω to 1567Ω.
Turns ratio: N1:N2=1:1±2%.
Impedance tolerance: Min at 20°C.
Operating temperature: -25°C to +105°C
Storage Temp: -0°C to +40°C
Resistance to Soldering Heat: 260°C for 10 sec.
Temperature Rise: 40°C Typ. at Rated Current.
All parts meet ROHS compliance.

ELECTRICAL CHARACTERISTICS

Part Number	Impedance [Ω]Min	Test Frequency	Rated current [mA]	D.C. Resistor [mΩ] Max at 20°C	Hi-Pot [1-8 to 4-5]
FASCM1310-364R	364	100MHz	3500	50	AC 250V/1mA/1Second
FASCM1310-400R	330	100MHz	2500	50	AC 250V/1mA/1Second
FASCM1310-412R	325	100MHz	4500	50	AC 250V/1mA/1Second
FASCM1310-1K5R	1492	1MHz	2500	80	AC 250V/1mA/1Second
FASCM1310-1K6R	1567	250KHz	2000	91	AC 250V/1mA/1Second

TECHNICAL INFORMATION

ELECTRICAL SCHEMATIC & PAD LAYOUT



DIMENSIONS:MM

Part number	A	B	C	D	E	F	G	H	a	b	c	d
FASCM1310	13.0 Max	12.5±0.5	8.50 Max	9.5±0.3	9.7±0.3	7.5±0.3	0.65 REF	10.9 REF	1.10 REF	1.40 REF	7.50 REF	11.7 REF