

CURRENT-COMPENSATED FRAME CORE DOUBLE CHOKES FACM2512,2515 BPH SERIES



FEATURES:

Rated voltage 250 VAC.
Rated current 2.5A to 15A.
Rated inductance 0.82mH to 20 mH.
Turns ratio: N1:N2=1:1 ±2%.
Hi-Pot: Pri-Sec: 1500VAC /5mA /2Seconds.
Test Frequency Response: 10KHz, 100mV.
Inductance tolerance: Min at 20°C.
Operating temperature: -40°C to +105°C.
All parts meet ROHS compliance.

PRODUCT IDENTIFICATION:

$\frac{CM}{a} \frac{2510}{b} \frac{BPH}{c} \frac{103}{d} \frac{Y}{e} \frac{4R5}{f}$

a: Common mode

b: Size

c: Horizontal Install shape

d: Inductance Value (101:100uH; 102:1000uH; 103:10000uH)

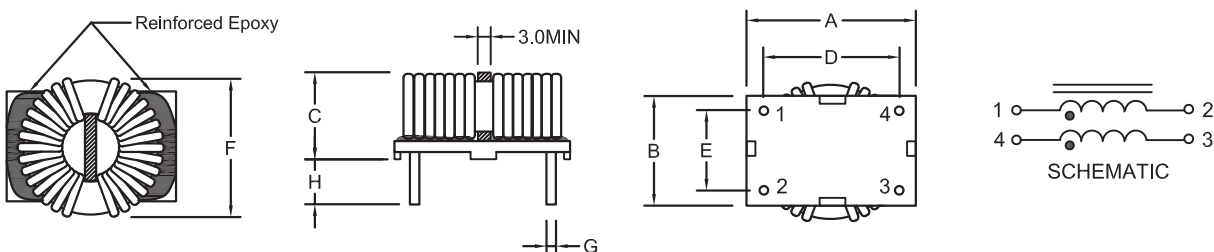
e: Inductance tolerance: minimum value

f: Rated current (0R2:0.2A; 1R2;1.2A; 10R2:12A)

ELECTRICAL CHARACTERISTICS

Part Number	Inductance [mH]Min	D.C.R [Ω] Max at 20°C	Rated current [A]	Part Number	Inductance [mH]Min	D.C.R [Ω] Max at 20°C	Rated current [A]
FACM2510BPH-203Y2R5	20.0	0.15	2.5	FACM2515BPH-153Y3R5	15.0	0.10	3.5
FACM2510BPH-123Y3R5	12.0	0.10	3.5	FACM2515BPH-103Y4R5	10.0	0.07	4.5
FACM2510BPH-103Y4R5	10.0	0.07	4.5	FACM2515BPH-802Y6R0	8.0	0.05	6.0
FACM2510BPH-682Y6R0	6.8	0.05	6.0	FACM2515BPH-602Y7R0	6.0	0.03	7.0
FACM2510BPH-502Y7R0	5.0	0.03	7.0	FACM2515BPH-202Y8R0	2.0	0.02	8.0
FACM2510BPH-152Y8R0	1.5	0.02	8.0	FACM2515BPH-152Y10R0	1.5	0.015	10.0
FACM2510BPH-122Y10R0	1.2	0.012	10.0	FACM2515BPH-102Y15R0	1.0	0.010	15.0
FACM2510BPH-821Y15R0	0.82	0.008	15.0				

TECHNICAL INFORMATION



DIMENSIONS:MM

Part number	A	B	C	D	E	F	G	H
FACM2505BPH	32.0±0.5	20.0±0.5	13.5 Max	22.5±0.5	15.0±0.5	27.5 Max		3.0 Min
FACM2510BPH	32.0±0.5	20.0±0.5	18.5 Max	22.5±0.5	15.0±0.5	27.5 Max		3.0 Min