

CURRENT-COMPENSATED FRAME CORE DOUBLE CHOKES FACM2505,2510 BPH SERIES



FEATURES:

Rated voltage 250 VAC.
Rated current 1.8A to 15A.
Rated inductance 0.35mH to 15 mH.
Turns ratio: N1:N2=1:1 ± 2%.
Hi-Pot: Pri-Sec: 1500VAC/5mA/2Seconds.
Test Frequency R response: 10KHz, 100mV.
Inductance tolerance: M in at 20°C.
Operating temperature: -40°C to +105°C.
All parts meet RO HS compliance.

PRODUCT IDENTIFICATION:

$$\frac{CM}{a} \frac{2505}{b} \frac{BPH}{c} \frac{103}{d} \frac{Y}{e} \frac{1R8}{f}$$

a: Common mode

b: Size

c: Horizontal Install shape

d: Inductance Value [101:100uH; 102:1000uH; 103:10000uH]

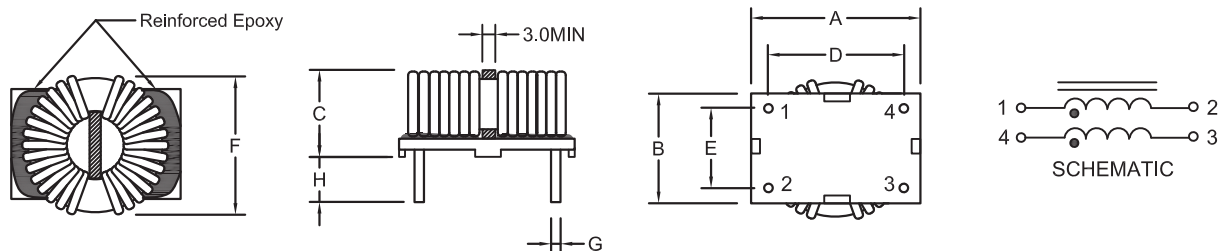
e: Inductance tolerance: minimum value

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]
FACM2505BPH-103Y1R8	10.0	0.15	1.8	FACM2510BPH-153Y2R5	15.0	0.15	2.5
FACM2505BPH-682Y2R5	6.8	0.10	2.5	FACM2510BPH-103Y3R5	10.0	0.08	3.5
FACM2505BPH-502Y3R5	5.0	0.06	3.5	FACM2510BPH-682Y4R5	6.8	0.06	4.5
FACM2505BPH-352Y4R5	3.5	0.04	4.5	FACM2510BPH-502Y6R0	5.0	0.04	6.0
FACM2505BPH-272Y6R0	2.7	0.03	6.0	FACM2510BPH-402Y7R0	4.0	0.03	7.0
FACM2505BPH-202Y7R0	2.0	0.02	7.0	FACM2510BPH-122Y8R0	1.2	0.015	8.0
FACM2505BPH-102Y7R0	1.0	0.015	7.0	FACM2510BPH-102Y10R0	1.0	0.010	10.0
FACM2505BPH-681Y8R0	0.68	0.010	8.0	FACM2510BPH-681Y15R0	0.68	0.007	15.0
FACM2505BPH-501Y10R0	0.50	0.008	10.0				
FACM2505BPH-351Y15R0	0.35	0.005	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