

CURRENT-COMPENSATED FRAME CORE DOUBLE CHOKES FACM25,31BPV SERIES



FEATURES:

Rated voltage 250 VAC.
Rated current 1.5A to 20A.
Rated inductance 0.68mH to 33 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:

$$\frac{CM}{a} \frac{25}{b} \frac{BPV}{c} \frac{333}{d} \frac{Y}{e} \frac{1R5}{f}$$

a: Common mode

b: Size

c: Vertical Install shape

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

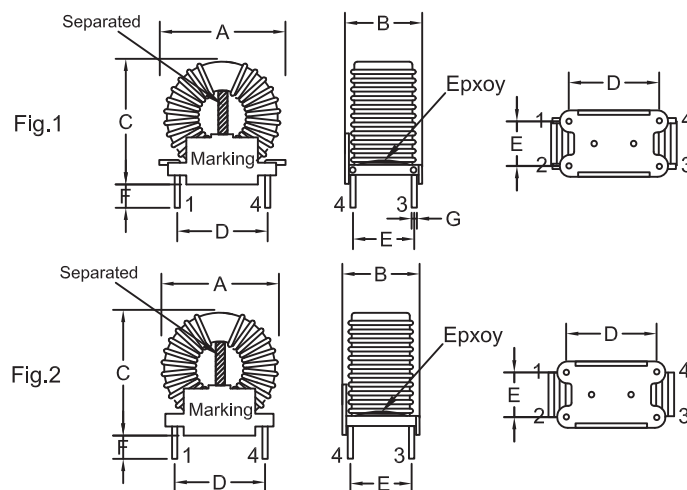
e: Inductance tolerance: minimum value

f: Rated current [0R2:0.2A; 1R2:1.2A; 10R2:12A]

ELECTRICAL CHARACTERISTICS

Part Number	Inductance [mH]Min	D.C. Resistance [Ω] Max at 20°C	Rated current [A]	Part Number	Inductance [mH]Min	D.C. Resistance [Ω] Max at 20°C	Rated current [A]
FACM25BPV-333Y1R5	33	0.40	1.5	FACM31BPV-333Y2R0	33	0.25	2.0
FACM25BPV-223Y2R0	22	0.25	2.0	FACM31BPV-253Y3R0	25	0.15	3.0
FACM25BPV-103Y2R5	10	0.15	2.5	FACM31BPV-153Y4R0	15	0.10	4.0
FACM25BPV-682Y3R0	6.8	0.10	3.0	FACM31BPV-103Y5R0	10	0.06	5.0
FACM25BPV-392Y4R0	3.9	0.05	4.0	FACM31BPV-682Y6R0	6.8	0.04	6.0
FACM25BPV-332Y6R0	3.3	0.04	5.0	FACM31BPV-332Y8R0	3.3	0.025	8.0
FACM25BPV-222Y9R0	2.2	0.02	9.0	FACM31BPV-222Y12R0	2.2	0.010	12.0
FACM25BPV-102Y15R0	1.0	0.01	15.0	FACM31BPV-102Y20R0	1.0	0.006	20.0
FACM25BPV-681Y20R0	0.68	0.006	20.0				

TECHNICAL INFORMATION



DIMENSIONS:MM

Part number	A	B	C	D	E	F	G	Fig
FACM25BPV	30.5 Max	15.2±0.3	31.5 Max	20.3±0.5	10.2±0.5	3.0 Min	1.2 DIA	1 or 2
FACM31BPV	35.0 Max	20.3±0.3	33.5 Max	22.8±0.5	15.2±0.5	3.0 Min	1.2 DIA	1 or 2