

# CURRENT-COMPENSATED FRAME CORE DOUBLE CHOKES FACM36,42BPV SERIES



## FEATURES:

Rated voltage 250 VAC.  
Rated current 2.0A to 30A.  
Rated inductance 1.0mH to 100 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:

$$\frac{CM}{a} \frac{36}{b} \frac{BPV}{c} \frac{333}{d} \frac{Y}{e} \frac{4R0}{f}$$

a: Common mode

b: Size

c: Vertical Install shape

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

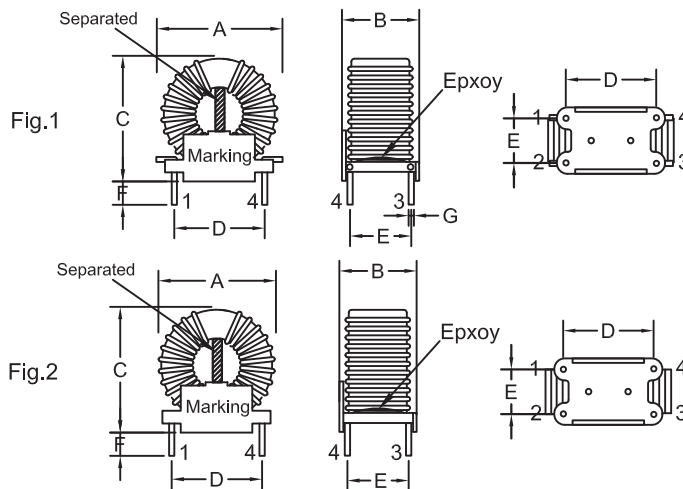
e: Inductance tolerance: minimum value

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

## ELECTRICAL CHARACTERISTICS

Part Number	Inductance [mH]Min	D.C. Resistance [ $\Omega$ ] Max at 20°C	Rated current [A]	Part Number	Inductance [mH]Min	D.C. Resistance [ $\Omega$ ] Max at 20°C	Rated current [A]
FACM36BPV-333Y4R0	33	0.12	4.0	FACM42BPV-104Y2R0	100	0.50	2.0
FACM36BPV-223Y5R0	22	0.08	5.0	FACM42BPV-563Y4R0	56	0.20	4.0
FACM36BPV-153Y6R0	15	0.052	6.0	FACM42BPV-333Y7R0	33	0.10	7.0
FACM36BPV-103Y7R0	10	0.035	7.0	FACM42BPV-183Y10R0	18	0.05	10.0
FACM36BPV-682Y8R0	6.8	0.028	8.0	FACM42BPV-103Y15R0	10	0.03	15.0
FACM36BPV-472Y10R0	4.7	0.022	10.0	FACM42BPV-682Y17R0	6.8	0.02	17.0
FACM36BPV-332Y15R0	3.3	0.015	15.0	FACM42BPV-422Y20R0	4.2	0.015	20.0
FACM36BPV-222Y18R0	2.2	0.0085	18.0	FACM42BPV-302Y25R0	3.0	0.012	25.0
FACM36BPV-152Y25R0	1.5	0.005	25.0	FACM42BPV-222Y30R0	2.2	0.009	30.0
FACM36BPV-102Y30R0	1.0	0.0035	30.0				

## TECHNICAL INFORMATION



DIMENSIONS:MM

Part number	A	B	C	D	E	F	G	Fig
FACM36BPV	44.7 Max	22.8±0.3	42.0 Max	30.5±0.5	17.8±0.5	3.0 Min	1.2 DIA	1 or 2
FACM42BPV	52.0 Max	27.8±0.3	58.0 Max	38.0±0.5	22.8±0.5	4.0 Min	1.2 DIA	1 or 2