

# CURRENT-COMPENSATED FRAME CORE DOUBLE CHOKES CM12V1,V2,H SERIES



## FEATURES

Rated voltage 250 VAC.  
 Rated current 0.3A to 6A.  
 Rated inductance 0.2mH to 47 mH.  
 Turns ratio: N1:N2=1:1±2%.  
 Hi-Pot: Pri-Sec: 1500VAC /5mA /2Seconds.  
 Test Frequency Response: 10KHz, 100mV.  
 Inductance tolerance: +50/-30% at 20°C.  
 Operating temperature: -40°C to +105°C.  
 All parts meet ROHS compliance.

## PRODUCT IDENTIFICATION

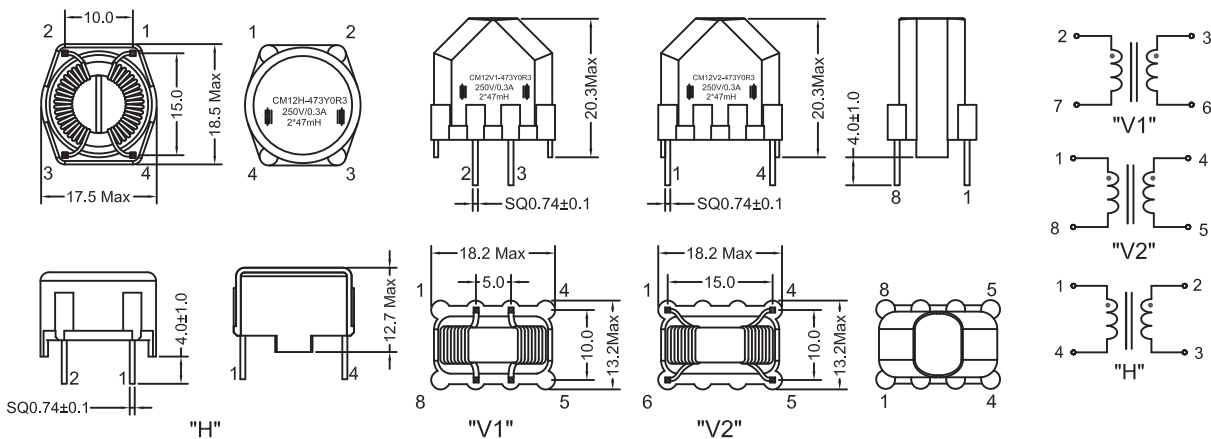
$\frac{CM}{a} \frac{12}{b} \frac{V1}{c} \frac{473}{d} \frac{Y}{e} \frac{OR3}{f} \frac{E}{g}$

a: Common mode  
 b: Size  
 c: V: Vertical Install shape, H: Horizontal Install shape  
 d: Inductance Value [101:100uH; 102:1000uH; 103:10000uH]  
 e: Inductance tolerance: +50/-30%  
 f: Rated current [OR2:0.2A; 1R2:1.2A; 10R2:12A]  
 g: Epoxy Encapsulation

## ELECTRICAL CHARACTERISTICS

Part Number			Inductance [mH] +50/-30%	Leakage inductance [uH] typ	D.C. Resistance [mΩ] Typ at 20°C	Rated current [mA]
CM12V1-473YOR3	CM12V2-473YOR3	CM12H-473YOR3	47	500	2200	300
CM12V1-393YOR4	CM12V2-393YOR4	CM12H-393YOR4	39	450	2000	400
CM12V1-273YOR5	CM12V2-273YOR5	CM12H-273YOR5	27	290	1400	500
CM12V1-183YOR5	CM12V2-183YOR5	CM12H-183YOR5	18	250	1100	500
CM12V1-153YOR6	CM12V2-153YOR6	CM12H-153YOR6	15	170	700	600
CM12V1-103YOR7	CM12V2-103YOR7	CM12H-103YOR7	10	110	550	700
CM12V1-682Y1R2	CM12V2-682Y1R2	CM12H-682Y1R2	6.8	80	280	1200
CM12V1-332Y1R5	CM12V2-332Y1R5	CM12H-332Y1R5	3.3	37	180	1500
CM12V1-102Y2R0	CM12V2-102Y2R0	CM12H-102Y2R0	1.0	13	80	2000
CM12V1-601Y2R5	CM12V2-601Y2R5	CM12H-601Y2R5	0.6	8	60	2500
CM12V1-401Y3R6	CM12V2-401Y3R6	CM12H-401Y3R6	0.4	6	35	3600
CM12V1-301Y4R0	CM12V2-301Y4R0	CM12H-301Y4R0	0.3	4	30	4000
CM12V1-201Y6R0	CM12V2-201Y6R0	CM12H-201Y6R0	0.2	2.5	15	6000

## TECHNICAL INFORMATION



**DIMENSIONS:MM** Tolerance: .X ±0.50 .XX ±0.25