

COMMON-MODE CHOKE COIL

RING CORE TYPE

- Inductance range : Up to 15mH.
- Low winding Capacitance.
- Rated Current : Base on temperature rise not to exceed 40°C.
- Insulation : AC1500V,1 minute between line & line.
- Insulation Resistance : 100MΩ min. When DC 500V between line & line.
- Operating Temperature : -25°C to 105°C(Class B)

DIMENSION & ELECTRICAL SPECIFICATIONS @25°C

UMEC MODEL NUMBER	Rated Current (A)	Inductance (mH)Min.	DCR(mΩ) max	Dimension(mm)			Pitch(mm)		Fig.	φ (mm)
				OD	L	T	P1	P2		
CMC1401V	0.7	8.0	350	19.0	10.0	19.0	6.0	8.0	V	0.30
CMC1402V	2.0	2.0	60	19.0	10.0	19.0	6.0	8.0	V	0.55
CMC1403V	3.0	0.7	50	19.0	10.0	19.0	6.0	8.0	V	0.70
CMC1401H	0.7	8.0	350	19.0	10.0	8.0	6.0	10.0	H	0.30
CMC1402H	2.0	2.0	60	19.0	10.0	8.0	6.0	10.0	H	0.55
CMC1403H	3.0	0.7	50	19.0	10.0	8.0	6.0	10.0	H	0.70
CMC1601V	1.6	2.0	150	22.5	10.0	22.5	10.0	13.0	V	0.50
CMC1602V	2.5	1.5	90	22.5	10.0	22.5	10.0	13.0	V	0.60
CMC1603V	3.0	0.8	50	22.5	10.0	22.5	10.0	13.0	V	0.70
CMC1601H	1.6	2.0	150	22.5	10.0	15.0	9.0	17.0	H	0.50
CMC1602H	2.5	1.5	90	22.5	10.0	15.0	9.0	17.0	H	0.60
CMC1603H	3.0	0.8	50	22.5	10.0	15.0	9.0	17.0	H	0.70
CMC2201V	2.5	4.5	120	28.0	10.0	28.0	10.0	13.0	V	0.60
CMC2202V	3.0	3.0	80	28.0	10.0	28.0	10.0	13.0	V	0.70
CMC2203V	4.0	2.0	50	28.0	10.0	28.0	10.0	13.0	V	0.80
CMC2201H	2.5	4.5	120	28.0	10.0	15.0	10.0	23.0	H	0.60
CMC2202H	3.0	3.0	80	28.0	10.0	15.0	10.0	23.0	H	0.70
CMC2203H	4.0	2.0	50	28.0	10.0	15.0	10.0	23.0	H	0.80
CMC2501V	3.0	8.0	120	31.0	10.0	31.0	10.0	18.0	V	0.70
CMC2502V	4.0	5.5	75	31.0	10.0	31.0	10.0	18.0	V	0.80
CMC2503V	5.0	4.0	50	31.0	10.0	31.0	10.0	18.0	V	0.90
CMC2501H	3.0	8.0	120	31.0	10.0	20.0	10.0	26.0	H	0.70
CMC2502H	4.0	5.5	75	31.0	10.0	20.0	10.0	26.0	H	0.80
CMC2503H	5.0	4.0	50	31.0	10.0	20.0	10.0	26.0	H	0.90
CMC3101V	4.0	11.5	120	39.0	10.0	39.0	10.0	18.0	V	0.80
CMC3102V	6.0	6.0	55	39.0	10.0	39.0	10.0	18.0	V	1.00
CMC3103V	9.0	4.0	30	39.0	10.0	39.0	10.0	18.0	V	1.20
CMC3101H	4.0	11.5	120	39.0	10.0	21.0	10.0	32.0	H	0.80
CMC3102H	6.0	6.0	55	39.0	10.0	21.0	10.0	32.0	H	1.00
CMC3103H	9.0	4.0	30	39.0	10.0	21.0	10.0	32.0	H	1.20

* For RoHS compliant products: a.)The Ordering Code: TG-Model No. ex. TG-CMC1401V
b.)Solder : Sn/Cu c.)Date Code suffix to "G" (xxxxG)



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				OD	L	T	P1	P2		
CMC3701V	6.0	10.0	80	45.0	10.0	45.0	10.0	20.0	V	1.00
CMC3702V	9.0	8.0	45	45.0	10.0	45.0	10.0	20.0	V	1.20
CMC3703V	12.0	6.0	30	45.0	10.0	45.0	10.0	20.0	V	1.40
CMC3701H	6.0	10.0	80	45.0	10.0	24.0	10.0	38.0	H	1.00
CMC3702H	9.0	8.0	45	45.0	10.0	24.0	10.0	38.0	H	1.20
CMC3703H	12.0	6.0	30	45.0	10.0	24.0	10.0	38.0	H	1.40

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DIMENSION & DRAWING

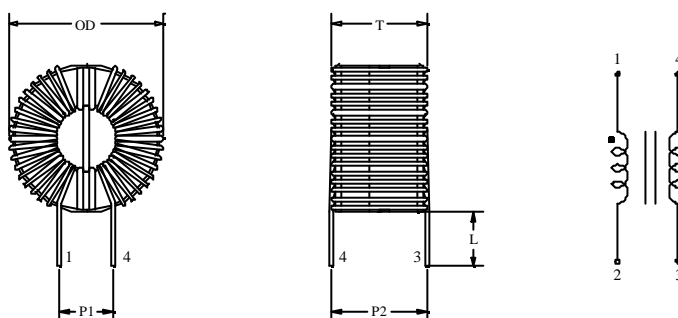


FIG.V

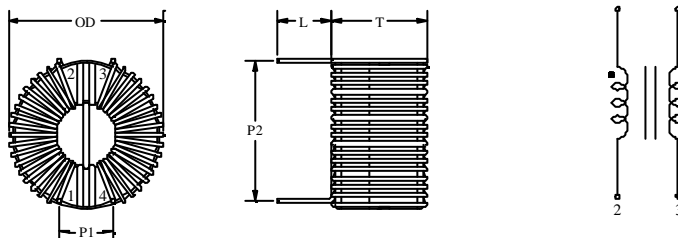


FIG.H

*Specifications are subject to change without prior notice.

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