

Common Mode Choke ET24 - Vertical

POWER MAGNETIC

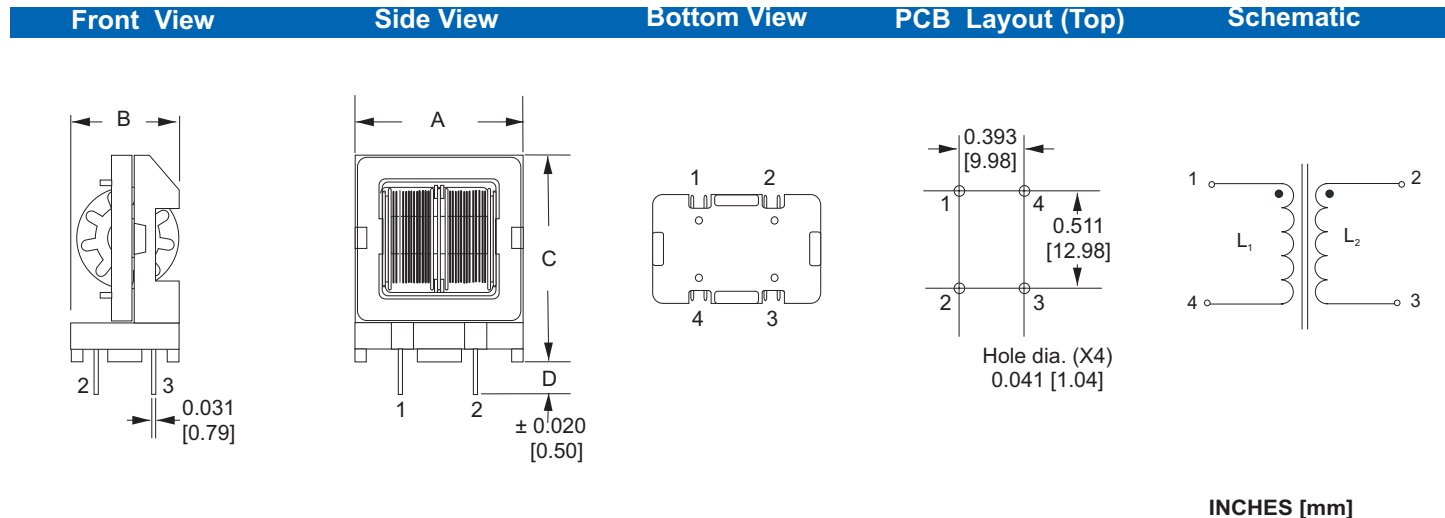
[CMETY24V Series]



MAX. DIM :
 L = 25.15 mm
 W = 18.03 mm
 H = 30.48 mm

- For noise suppression in SMPS.
- Double square closed magnetic path circuit for minimal flux leakage.
- Small size & high impedance at high frequencies.
- Construction provides 3 mm creepage between coils.
- Dielectric strength of 1800 Vrms between windings.

MECHANICAL SPECIFICATIONS



ELECTRICAL SPECIFICATIONS

STANDARD Z RANGE - ET24 10K

FALCO PART NUMBER	RoHS PART NUMBER	L (mH) ¹ min.	Freq. (KHz)	LL(μH) ² max.	DCR (Ω) max.	Irms (Amp) ³ max.	SRF (KHz) typ.	A max. in / mm	B max. in / mm	C max. in / mm	D nom. in / mm
	ET2417	2.70	1.0	70.0	0.077	2.0	---	0.990 / 25.15	0.710 / 18.03	1.200 / 30.48	0.160 / 4.06
ET2418		5.60	1.0	142.0	0.166	1.4	---	0.990 / 25.15	0.710 / 18.03	1.200 / 30.48	0.160 / 4.06
ET2419		6.80	1.0	168.0	0.185	1.2	---	0.990 / 25.15	0.710 / 18.03	1.200 / 30.48	0.160 / 4.06
ET2420		10.00	1.0	248.0	0.278	1.2	948.6	0.990 / 25.15	0.710 / 18.03	1.200 / 30.48	0.160 / 4.06
ET2421		12.00	1.0	297.0	0.311	0.9	650.0	0.990 / 25.15	0.710 / 18.03	1.200 / 30.48	0.160 / 4.06
ET2422		18.00	1.0	447.5	0.486	0.8	520.4	0.990 / 25.15	0.710 / 18.03	1.200 / 30.48	0.160 / 4.06
*ET2404		20.00	1.0	260.0	0.500	1.4	260.0	0.990 / 25.15	0.710 / 18.03	1.200 / 30.48	0.160 / 4.06
ET2423		27.00	1.0	666.3	0.730	0.6	420.2	0.990 / 25.15	0.710 / 18.03	1.200 / 30.48	0.160 / 4.06
ET2424		39.00	1.0	951.4	1.122	0.5	308.0	0.990 / 25.15	0.710 / 18.03	1.200 / 30.48	0.160 / 4.06
ET2425		68.00	1.0	1648.0	1.860	0.4	237.8	0.990 / 25.15	0.710 / 18.03	1.200 / 30.48	0.160 / 4.06

* ΔT=55°C

MEDIUM Z RANGE - ET24 7K

FALCO PART NUMBER	RoHS PART NUMBER	L (mH) ¹ min.	Freq. (KHz)	LL(μH) ² max.	DCR (Ω) max.	Irms (Amp) ³ max.	SRF (KHz) typ.	A max. in / mm	B max. in / mm	C max. in / mm	D nom. in / mm
	**ET2427	10.00	1.0	---	0.380	1.2	500.0	0.990 / 25.15	0.710 / 18.03	1.200 / 30.48	0.160 / 4.06
ET2401		28.00	1.0	600.0	1.080	0.9	170.0	0.990 / 25.15	0.710 / 18.03	1.200 / 30.48	0.160 / 4.06



RoHS COMPLIANT PRODUCT

1. Inductance L tested at 0.25 V. ** tested at 1.0V.
2. LL tested at 10 KHz & 0.25 V.
3. Temperature rise is 45°C Typ. at Irms.
4. Operating Temp. range -25°C to +105°C.
5. L and DCR tested at Ta= 25°C.

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Impedance vs Frequency

(CMETY24V Series)

