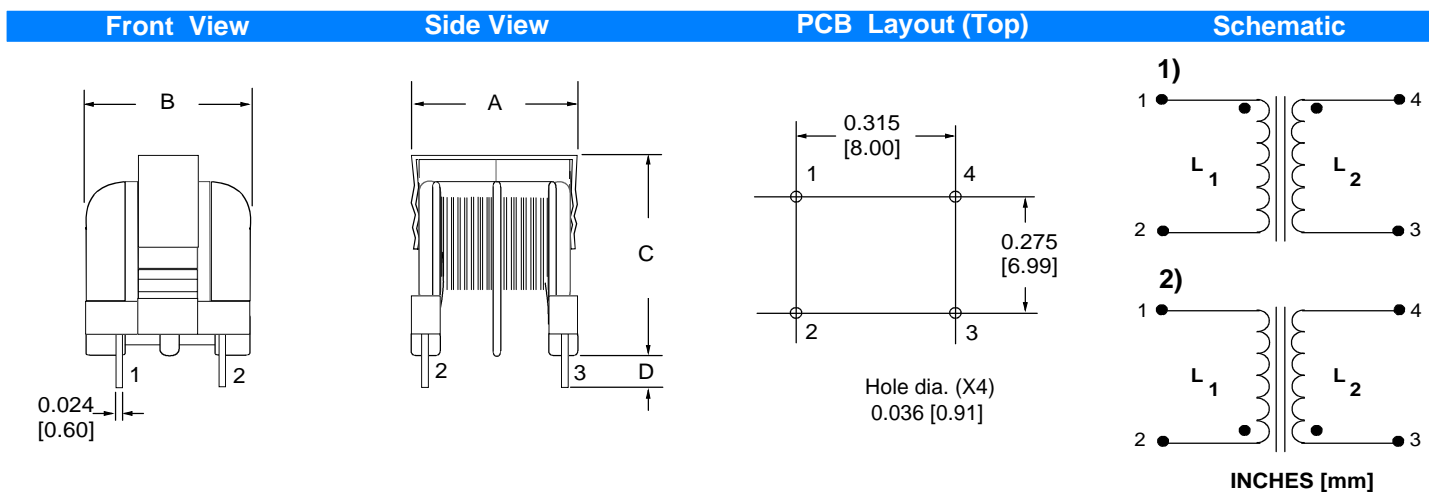




MAX. DIM :
L = 17.50 mm
W = 11.56 mm
H = 17.02 mm

- Frequency range from 50 KHz to 500 KHz.
- Current ratings up to 1.0 Amp.
- Excellent attenuation in common mode.
- Inductance values from 0.5 mH to 100mH.
- 3 mm of creepage between windings.
- Parts meet UL, IEC950 & VDE safety standards.

MECHANICAL SPECIFICATIONS



ELECTRICAL SPECIFICATIONS

STANDARD Z RANGE - UU9 5K

FALCO PART NUMBER	RoHS PART NUMBER	L(mH) ¹ min.	Freq. (KHz)	DCR (W) max.	I _{rms} (Amp) ² max.	A max. in / mm	B max. in / mm	C max. in / mm	D min. in / mm	SCHEMATIC
U09004*	U09L04*	18.00	1.0	8.000	0.10	0.669 / 17.00	0.433 / 11.00	0.669 / 17.00	0.118 / 3.00	1

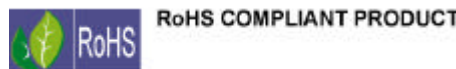
MEDIUM Z RANGE - UU9 7K

FALCO PART NUMBER	RoHS PART NUMBER	L(mH) ¹ min.	Freq. (KHz)	DCR (W) max.	I _{rms} (Amp) ² max.	A max. in / mm	B max. in / mm	C max. in / mm	D min. in / mm	SCHEMATIC
	U09020*	10.00	1.0	3.500	0.25	0.689 / 17.50	0.433 / 11.00	0.669 / 17.00	0.118 / 3.00	2
U09001		20.00	10.0	2.800	0.15	0.670 / 17.02	0.455 / 11.56	0.670 / 17.02	0.118 / 3.00	1
U09002		45.00	1.0	6.000	----	0.670 / 17.02	0.450 / 11.43	0.670 / 17.02	0.118 / 3.00	1

HIGH Z RANGE - UU9 10K

FALCO PART NUMBER	RoHS PART NUMBER	L(mH) ¹ min.	Freq. (KHz)	DCR (W) max.	I _{rms} (Amp) ² max.	A max. in / mm	B max. in / mm	C max. in / mm	D min. in / mm	SCHEMATIC
U09006		0.50	1.0	0.088	1.00	0.669 / 17.00	0.433 / 11.00	0.669 / 17.00	0.125 / 3.17	1
U09007		0.70	1.0	0.102	0.90	0.669 / 17.00	0.433 / 11.00	0.669 / 17.00	0.125 / 3.17	1
U09008		0.80	1.0	0.137	0.80	0.669 / 17.00	0.433 / 11.00	0.669 / 17.00	0.125 / 3.17	1
U09009		1.00	1.0	0.155	0.70	0.669 / 17.00	0.433 / 11.00	0.669 / 17.00	0.125 / 3.17	1
U09010		1.50	1.0	0.226	0.60	0.669 / 17.00	0.433 / 11.00	0.669 / 17.00	0.125 / 3.17	1
U09011		2.50	1.0	0.380	0.50	0.669 / 17.00	0.433 / 11.00	0.669 / 17.00	0.125 / 3.17	1
U09012		3.50	1.0	0.550	0.40	0.669 / 17.00	0.433 / 11.00	0.669 / 17.00	0.125 / 3.17	1
	U09013	6.00	1.0	0.937	0.30	0.669 / 17.00	0.433 / 11.00	0.669 / 17.00	0.125 / 3.17	1
U09014		12.00	1.0	1.728	0.20	0.669 / 17.00	0.433 / 11.00	0.669 / 17.00	0.125 / 3.17	1
	U09003**	22.00	1.0	3.700	0.25	0.630 / 16.00	0.433 / 11.00	0.670 / 17.02	0.125 / 3.17	2
U09015		30.00	1.0	4.116	0.10	0.669 / 17.00	0.433 / 11.00	0.669 / 17.00	0.125 / 3.17	1
U09016		90.00	1.0	12.000	0.085	0.669 / 17.00	0.433 / 11.00	0.669 / 17.00	0.125 / 3.17	1

1. Inductance tested at 0.25 V. * tested at 1.0 V. **Tested at 0.1V
 2. Temperature rise is 40°C Typ.
 3. Operating Temp. range -40° to +105°C.
 4. OCL and DCR tested at Ta=25°C.



Impedance vs. Frequency
CMU09V Series

