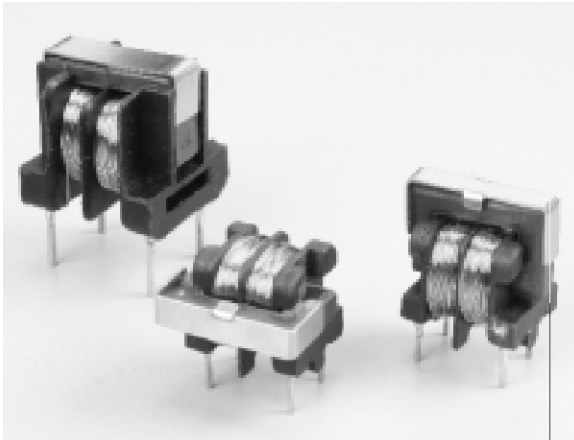




Common Mode Chokes - UU9.8 & UU10.5 Series



These low cost, high performance chokes are designed to virtually eliminate line conducted common mode noise.

The UU9.8 and UU10.5 families are ideal for signal line applications; the others can be used in switching power supplies and power supply circuits. All provide significant attenuation of common mode noise across a broad range of frequencies.

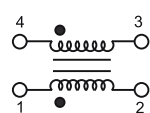
For height - restricted applications, the UU9.8 filters are available in a horizontal configuration, which reduces their height to under 13mm.

Order Code	Core Mounting	Inductance mH (Min)	Current Rating mA (steady state)	Leakage Inductance uH (Typical)	DC Resistance Ohms (Max)
UU9.8 Series					
MCU 0001	Horizontal	2.2	350	40	0.375
MCU 0002	Vertical	2.2	350	40	0.375
MCU 0003	Horizontal	3.9	290	70	0.625
MCU 0004	Vertical	3.9	290	70	0.625
MCU 0005	Horizontal	5.6	250	100	0.90
MCU 0006	Vertical	5.6	250	100	0.90
MCU 0007	Horizontal	8.2	250	133	1.10
MCU 0008	Vertical	8.2	250	133	1.10
MCU 0009	Horizontal	9.1	175	160	1.60
MCU 0010	Vertical	9.1	175	160	1.60
MCU 0011	Horizontal	15.0	150	300	2.75
MCU 0012	Vertical	15.0	150	300	2.75
MCU 0013	Horizontal	22	150	355	2.98
MCU 0014	Vertical	22	150	355	2.98
MCU 0015	Horizontal	30.0	120	525	4.5
MCU 0016	Vertical	30.0	120	525	4.5
MCU 0017	Horizontal	36.0	85	625	6.0
MCU 0018	Vertical	36.0	85	625	6.0
UU10.5 Series					
MCU 0019	Vertical	0.750	1.20	15	0.125
MCU 0020	Vertical	1.5	1.00	25	0.150
MCU 0021	Vertical	2.2	0.750	40	0.225
MCU 0022	Vertical	3.0	0.600	55	0.350
MCU 0023	Vertical	5.6	0.500	105	0.575
MCU 0024	Vertical	8.2	0.400	150	0.870
MCU 0025	Vertical	12.0	0.300	240	1.500
MCU 0026	Vertical	22.0	0.250	330	2.250
MCU 0027	Vertical	39.0	0.200	700	3.200
MCU 0028	Vertical	47.0	0.175	800	4.100

Isolation: (at 50 Hz / 4 mA for 1 minute)
Between Windings: 1500 V AC
Between Windings & Core: 1500 V AC

Insulation Resistance: >100 MOhms at 500 V DC

Schematic Diagram:



Mechanical Details: (All dimensions in mm) Not to scale

