

EMI Suppression Filters
for AC Power Lines
MCTL16U Series Standard Winding

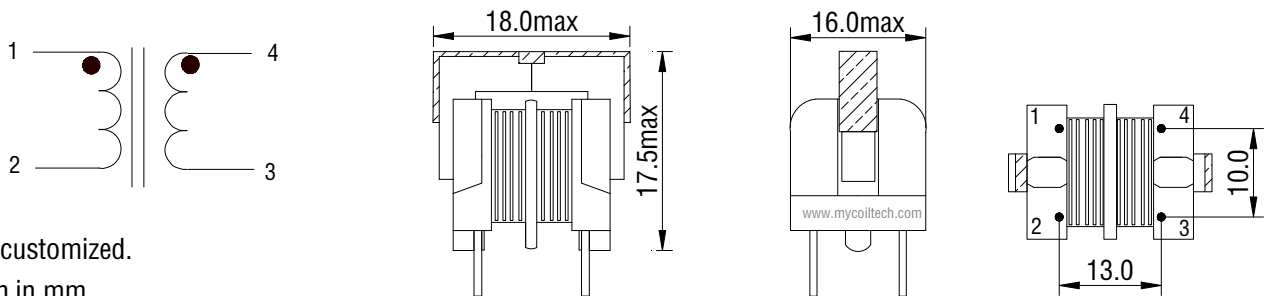
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Outline of EMI suppression Filter for AC Power Lines Common mode Choke coil MCTL16U Series standard winding.

1. Compact and lightweight
2. Low profile in vertical core layout
3. Both a standard winding and a sectional winding for higher frequency noise is available.
4. Rated voltage: 85~265VAC, 50/60Hz
5. Insulation resistance: 100MΩ @500VDC
6. Turns ratio: 1:1±2%
7. Hi-pot: 2500VAC/1mA/60Sec
8. Testing frequency: 1KHz/0.25V
9. Operating temperature: -40°C~+105°C

Typical electrical parameter

MCT Part No.	Inductance(mH) min	DC Resistance(Ω)max	Rated Current(A)
MCTL16U047A040	47.0	1.8	0.4
MCTL16U045A030	45.0	4.0	0.3
MCTL16U033A060	33.0	1.15	0.6
MCTL16U030A040	30.0	2.5	0.4
MCTL16U027A070	27.0	0.88	0.7
MCTL16U020A050	20.0	1.7	0.5
MCTL16U018A080	18.0	0.6	0.8
MCTL16U010A060	10.0	1.0	0.6
MCTL16U010A100	10.0	0.35	1.0
MCTL16U008A070	8.0	0.8	0.7
MCTL16U006A130	6.8	0.25	1.3
MCTL16U006A080	6.0	0.55	0.8
MCTL16U004A150	4.7	0.17	1.5
MCTL16U004A100	4.0	0.4	1.0
MCTL16U003A120	3.5	0.3	1.2
MCTL16U003A180	3.3	0.13	1.8
MCTL16U002A130	2.5	0.25	1.3
MCTL16U002A220	2.2	0.1	2.2
MCTL16U001A150	1.5	0.15	1.5
MCTL16U001A330	1.0	0.05	3.3



Welcome customized.
 Dimension in mm
 Tolerance: ±0.03