

EMI Suppression Filters
for AC Power Lines
MCTL10U Series Standard Winding

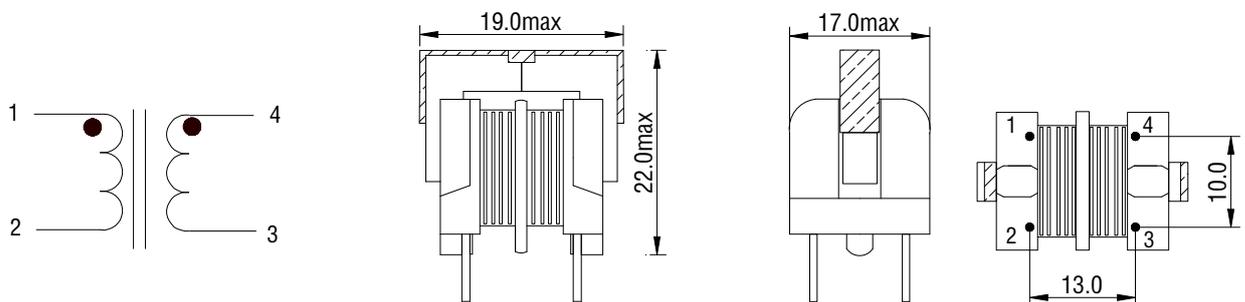
CONTENTS

Outline of EMI suppression Filter for AC Power Lines Common mode Choke coil MCTL10U 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: 100M Ω @500VDC
6. Turns ratio: 1:1 \pm 2%
7. Hi-pot: 2500VAC/1mA/60Sec
8. Testing frequency: 1KHz/0.25V
9. Operating temperature: -40 $^{\circ}$ C~+105 $^{\circ}$ C

Typical electrical parameter

MCT Part No.	Inductance(mH) min	DC Resistance(Ω)max	Rated Current(A)
MCTL10U043A025	43.0	7.0	0.25
MCTL10U030A030	30.0	4.5	0.3
MCTL10U020A035	20.0	3.0	0.35
MCTL10U015A040	15.0	2.5	0.4
MCTL10U010A050	10.0	1.6	0.5
MCTL10U007A060	7.4	1.2	0.6
MCTL10U005A070	5.0	0.8	0.7
MCTL10U003A080	3.5	0.55	0.8
MCTL10U003A090	3.0	0.45	0.9
MCTL10U002A100	2.2	0.38	1.0
MCTL10U001A120	1.8	0.27	1.2
MCTL10U001A130	1.5	0.21	1.3
MCTL10U001A150	1.0	0.16	1.5



Welcome customized.

Dimension in mm

Tolerance: \pm 0.03