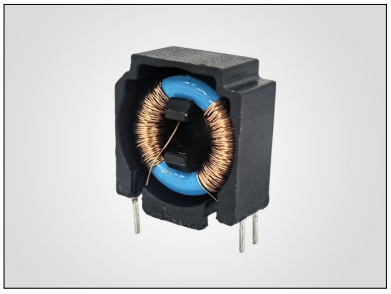
Power line Choke - MTB1518H Series

MEISONGBEI



Features

- Without potting
- Suitable for wave soldering

Applications

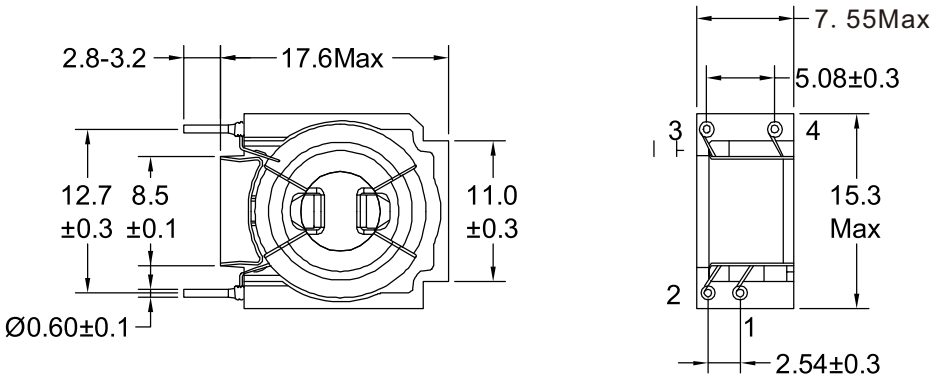
- Suppression of common-mode interferences
- Electronic ballasts in lamps
- Switch-mode power supplies

General Specifications

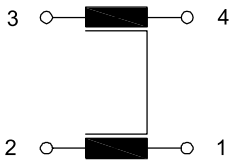
- Temperature Rise 40°C typical at Rated current
- Operating temp range: -40°C to +125°C
- Storage temp range: -40°C to +85°C

RoHS COMPLIANT | REACH COMPLIANT | Halogen Free

Dimensions & Configurations (Unit:mm)



Schematic



Turns Ratio - 1:1

Electrical Characteristics @ 25°C

Part Number	Inductance (+50%/-30%) [mH] @10kHz,0.1V	Lstray [uH] (Typ.)	DCR [mΩ] (Typ.)	Rated Current [A]
MTB1518H-473Y	47	600	2400	0.25
MTB1518H-303Y	30	500	2200	0.3
MTB1518H-223Y	22	400	1900	0.35
MTB1518H-153Y	15	250	1350	0.4
MTB1518H-103Y	10	170	1000	0.5
MTB1518H-682Y	6.8	120	630	0.6
MTB1518H-472Y	4.7	75	440	0.7

- Rated voltage: 250VAC (50/60 Hz)
- Hi-pot: 1500VAC/1mA/2S
- Rated current: +40°C