

# HIGH CURRENT COMMON MODE POWER LINE CHOKE

## TRF1407VT-HC SERIES



### FEATURES:

- With this product you can achieve high suppression of asymmetric interferences even at low frequency ranges
- Broadband filtering because of low capacitance winding technique
- Very compact design
- Highest possible current with small sizes
- High interference compression asymmetric interference rates also at low frequency range

### APPLICATIONS:

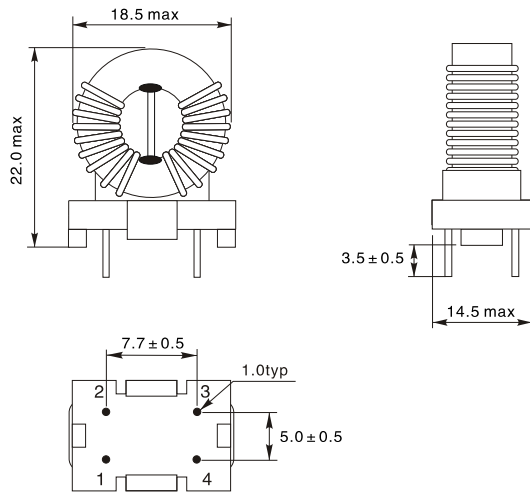
- Power electronics
- Power line input and output filter
- For filtering of devices without a stable ground connection
- Radio interference suppression in motors

### ELECTRICAL CHARACTERISTICS:

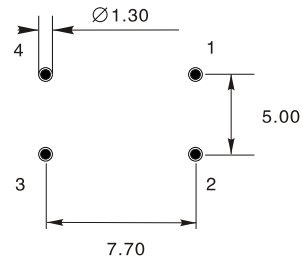
Part Number	L (mH)	Tolerance (%)	Rated Current (A)	RDC max. (mΩ)
TRF1407VT-HC-171N	0.175	± 30	10.0	4.0
TRF1407VT-HC-351N	0.350		8.5	7.0
TRF1407VT-HC-451N	0.450		6.5	10.0
TRF1407VT-HC-701N	0.700		5.0	15.0

### PHYSICAL CHARACTERISTICS:

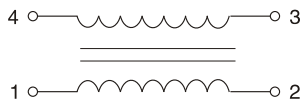
Dimensions 1



Hole pattern(in mm)



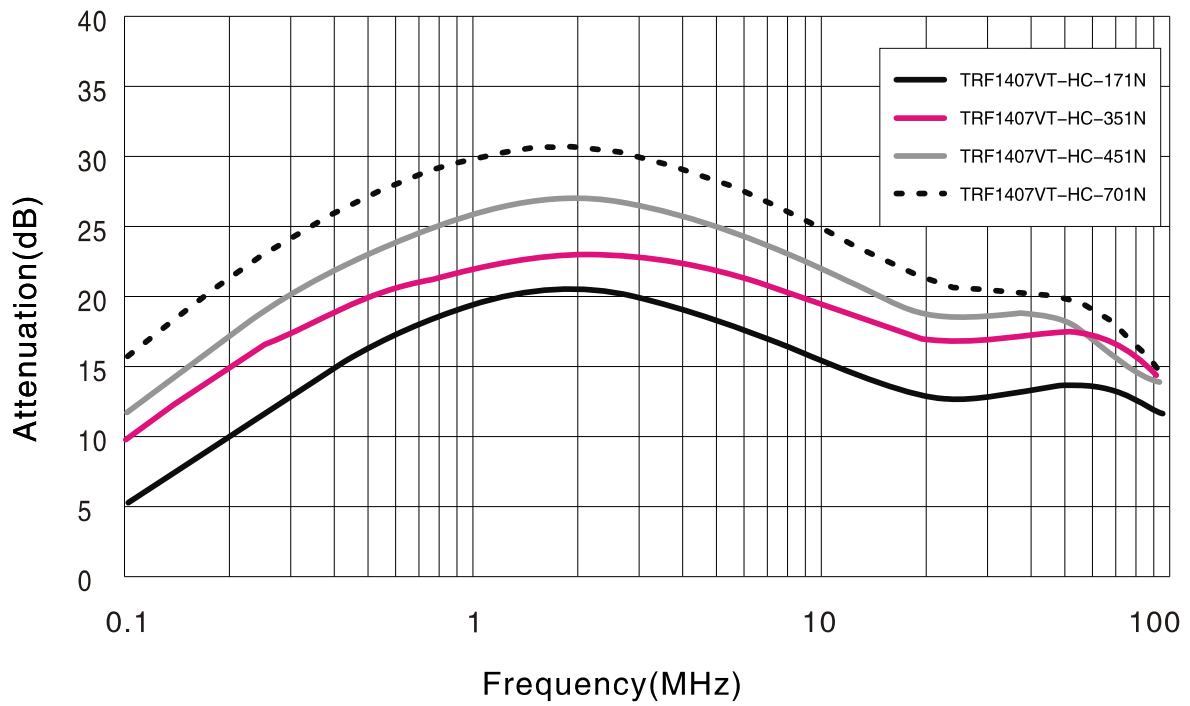
### Winding



### Notes:

- Rated voltage.....250Vac
- Frequency.....50/60Hz
- Insulation test voltage..... 1500V
- Operating temperature.....-40 °C to +125 °C
- Housing..... UL94 V-0

## ATTENUATION COMMON MODE



## ATTENUATION DIFFERENTIAL MODE

