

TRANSFORMERS

PRODUCT GUIDE

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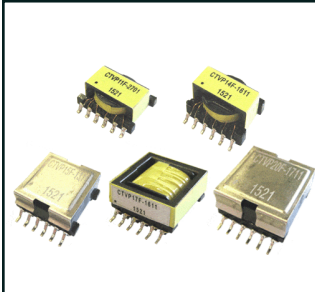
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CTVP

Six Winding Transformers & Inductors

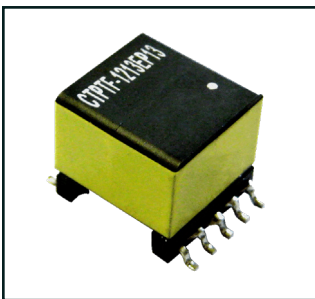
Description

SMD six winding transformers and inductors

Application Use

Applications (Transformer): Flyback, feed forward, push-pull, multiple. Applications (Inductor): Buck, boost, coupled, choke, filter, differential, forward, common mode.

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
3.2 μ H ~ 201.6 μ H >>					See spec sheet for Size (mm) details



CTPTF

PoE Power Transformers

Description

SMD power transformers for Power over Ethernet (PoE)

Application Use

Ideal for PoE

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
25.2 μ H ~ 521 μ H >>					See spec sheet for Size (mm) details



CTCSF

Current Sense Transformers & Inductors

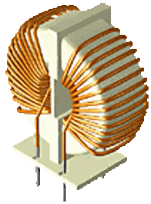
Description

Through hole current sense transformers and inductors

Application Use

Designed for switching power supply applications

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
Secondary 5.0mH ~ 180mH >>					See spec sheet for Size (mm) details



CTF2012SF

Common Mode Chokes

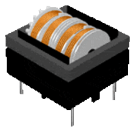
Description

Common mode choke coils for power supply line

Application Use

Prevents noise emission, protects AC side from the effects of switching regulators, provides noise elimination and immunity for TV's and audio equipment.

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
0.4mH ~ 4.5mH>>		0.01 ~ 0.15		2.0Aac ~ 10Aac	31.5L x 21.0W x 31.0H



CTHF2422F

Common Mode Chokes

Description

Common mode choke coils

Application Use

For AC power supply

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
2.4mH ~ 68mH>>		0.09 ~ 2.3		0.4Aac ~ 2.5Aac	26.0L x 26.0W x 22.0H



CTHF2430F

Common Mode Chokes

Description

Common mode choke coils

Application Use

For AC power supply

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
2.4mH ~ 68mH>>		0.09 ~ 2.3		0.4Aac ~ 2.5Aac	26.0L x 19.0W x 31.5H



CTHF2836F

Common Mode Chokes

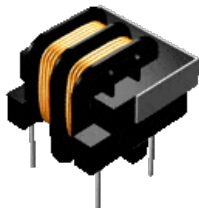
Description

Common mode choke coils

Application Use

For AC power supply

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
1.8mH ~ 35mH>>		0.05 ~ 0.78		1.0Aac ~4.0Aac	30.5L x 22.0W x 36.0H



CTUF0917HF

Common Mode Chokes

Description

Common mode choke coils

Application Use

For power supply line

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
0.2mH ~ 10mH>>		0.1 ~ 3.5		0.25A ~1.6A	17.5L x 15.5W x 13.0H



CTUF0917VF

Common Mode Chokes

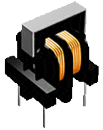
Description

Common mode choke coils

Application Use

For power supply line

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
0.2mH ~ 10mH>>		0.1 ~ 3.5		0.25A ~1.6A	18.0L x 12.0W x 17.0H



CTUF1015VF

Common Mode Chokes

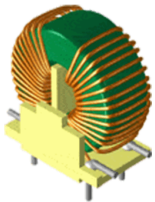
Description

Common mode choke coils

Application Use

For power supply line

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
0.6mH ~ 10mH>>		0.07 ~ 2.0		0.3A ~ 2.5A	19.0L x 17.0W x 22.5H



CTCMH

Common Mode Chokes

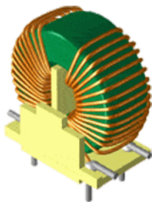
Description

High inductance through hole toroidal inductor with header

Application Use

For use in linear power supply filters, power line filters, as well as the ability to suppress EMI in switch mode supplies.

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
0.580mH ~ 10.8mH>>	10kHz	10m ~ 290m			35.6L x 22.86W x 35.6H



CTCMS

Common Mode Chokes

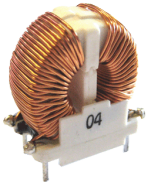
Description

Standard inductance through hole toroidal inductor with header

Application Use

For use in linear power supply filters, power line filters, as well as the ability to suppress EMI in switch mode supplies.

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
0.275mH ~ 3.5mH>>	10kHz	8m ~ 150m			31.8L x 15.86W x 31.2H



CTTCMCF

Common Mode Chokes

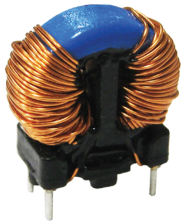
Description

Common mode inductor with header

Application Use

EMI suppression capability over wide frequency range.

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
1.0mH ~ 50mH>>	1.0kHz	0.006 ~ 0.45			See spec sheet for Size (mm) details



CTCMPCF

Common Mode Chokes

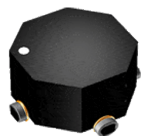
Description

Toroidal common mode choke

Application Use

Power electronics, power line input and output filter, radio interference suppression in motors, for filtering of devices without stable ground connection

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
1.0mH ~ 39mH>>	10kHz	45m ~ 3000m		0.3A ~ 2.0A	15.5L x 8.5W x 18.0H



CTCTXF-2P

Common Mode Chokes

Description

SMD toroidal common mode choke

Application Use

Single inductors, 1:1 coupled inductors & 1:1 isolation transformers

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
0.54 μ H ~ 300.42 μ H>>	100kHz				11.4L x 11.4W x 6.9H



CTCTXF-4P

Common Mode Chokes

Description

SMD toroidal common mode choke

Application Use

Single inductors, 1:1 coupled inductors & 1:1 isolation transformers

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
0.49 μ H ~ 298.93 μ H>>	100kHz				13.9L x 13.9W x 6.9H



CTSQ1212F

Common Mode Chokes

Description

Through hole common mode power line chokes

Application Use

Switch mode power supplies, LED drivers, chargers, adapters

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
10mH ~ 25mH>>	1.0kHz	150m ~ 300m	0.50A ~ 0.75A		See spec sheet for Size (mm) details



CTSQ1515F

Common Mode Chokes

Description

Through hole common mode power line chokes

Application Use

Switch mode power supplies, LED drivers, chargers, adapters

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
6mH ~ 35mH>>	1.0kHz	120m ~ 250m	0.60A ~ 1.8A		See spec sheet for Size (mm) details



CTSQ1918F

Common Mode Chokes

Description

Through hole common mode power line chokes

Application Use

Switch mode power supplies, LED drivers, chargers, adapters

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
10mH ~ 45mH>>	1.0kHz	100m ~ 420m	0.50A ~ 2.25A		See spec sheet for Size (mm) details



CTSQ2418F

Common Mode Chokes

Description

Through hole common mode power line chokes

Application Use

Switch mode power supplies, LED drivers, chargers, adapters

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
4mH ~ 15mH>>	1.0kHz	50m ~ 120m	2.7A ~ 5.4A		See spec sheet for Size (mm) details



CTSQ3325F

Common Mode Chokes

Description

Through hole common mode power line chokes

Application Use

Switch mode power supplies, LED drivers, chargers, adapters

Inductance	Ind. Test Freq.	DCR (Ω)	Current	Rated Current	Size (mm)
6mH ~ 15mH>>	1.0kHz	30m ~ 90m	5.4A ~ 12A		See spec sheet for Size (mm) details

