

# TDK Common Mode Filters and Antennas



Products may be RoHS compliant. Check mouser.com for RoHS status.

## TCM SERIES COMMON MODE FILTERS SMD

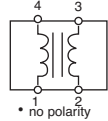
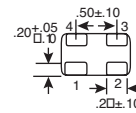
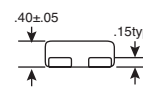
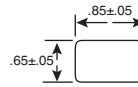
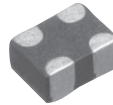
### Specifications:

- Operating Temperature: -25°C to +85°C

### TCM0806 Type Ultra-Compact Common Mode Filter

#### Applications:

- PDP/LCD/DLP/PJ TVs
- DVD players
- Notebook PCs
- High speed interface (LVDS, IEEE1394 and USB2.0)
- Portable audio
- Amusement machines
- Digital cellular phones



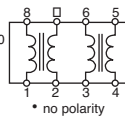
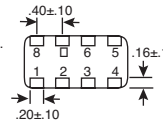
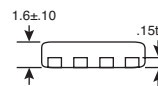
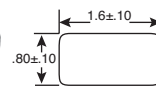
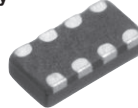
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Impedance @ 100MHz	Size (wxd) mm	Thickness (t) mm	Lines	Price Each			
						1	50	100	500
810-TCM0806G-350-2P	TCM0806G-350-2P	35W±30%	0.85x0.65	0.4	1	.47	.36	.313	.25
810-TCM0806G-650-2P	TCM0806G-650-2P	65W±20%	0.85x0.65	0.4	1	.47	.36	.313	.25
810-TCM0806G-900-2P	TCM0806G-900-2P	90W±20%	0.85x0.65	0.4	1	.47	.36	.313	.25

### TCM1608G Type Dual-Circuit Modularized Common Mode Filter Array

#### Applications:

- PDP/LCD/DLP/PJ TVs
- DVD players
- Notebook PCs
- High speed interface (LVDS, IEEE1394 and USB2.0)
- Portable audio
- Amusement machines
- Digital cellular phones



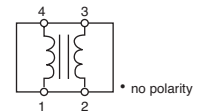
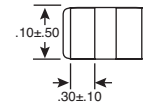
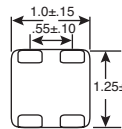
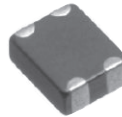
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Impedance @ 100MHz	Size (wxd) mm	Thickness (t) mm	Lines	Price Each			
						1	50	100	500
810-TCM1608G-350-4P	TCM1608G-350-4P	35W±30%	1.6x0.8	0.4	2	.61	.46	.416	.333
810-TCM1608G-650-4P	TCM1608G-650-4P	65W±20%	1.6x0.8	0.4	2	.61	.46	.416	.333
810-TCM1608G-900-4P	TCM1608G-900-4P	90W±20%	1.6x0.8	0.4	2	.61	.46	.416	.333
810-TCM1608G-201-4P	TCM1608G-201-4P	200W±20%	1.6x0.8	0.4	2	.61	.46	.416	.333

### MCZ1210AH Type Compact Size Multilayer Common Mode Filter

#### Applications:

- High speed interface (LVDS and USB2.0)
- Digital cellular phones, PCs, DSCs, portable game machines.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Impedance @ 100MHz	Size (wxd) mm	Thickness (t) mm	Lines	Price Each			
						1	50	100	500
810-MCZ1210AH360	MCZ1210AH360	36W±25%	1.25x1.0	0.5	1	.47	.375	.312	.25
810-MCZ1210AH900	MCZ1210AH900	90W±25%	1.25x1.0	0.5	1	.47	.375	.312	.25
810-MCZ2010AH900	MCZ2010AH900	90W±25%	2.0x1.0	0.5	2	.94	.75	.625	.50
810-MCZ2010AH121	MCZ2010AH121	120W±25%	2.0x1.0	0.5	2	.94	.75	.625	.50

**DIMENSIONS: mm**

**A**

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**B**

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## CERAMIC CHIP ANTENNAS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Fig.	Application	Frequency Range (GHz)	Polarization	Antenna Gain	Impedance (Ohms)	VSWR (Max)	Price Each			
									1	10	100	500
810-ANT98030CGS2442M	ANT98030CGS2442MB1	A	ISM Band	2.4-2.485	Linear	5.0 dBi	50	3.7	2.99	2.42	2.20	2.00

## MULTILAYER CHIP ANTENNAS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Fig.	Application	Frequency Range (GHz)	Polarization	Antenna Gain	Impedance (Ohms)	VSWR (Max)	Price Each			
									1	10	100	500
810-ANT8030-2R4-01A	ANT8030-2R4-01A	B	Bluetooth	2.4 to 2.5	Linear	2.0 dBi	50	2.0	4.45	3.42	3.11	2.83

