

TDK Common Mode Filters, Antenna, Baluns, Filters & Diplexer

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

TCM SERIES COMMON MODE FILTERS SMD

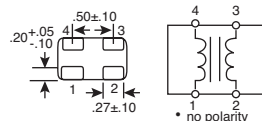
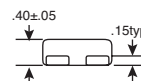
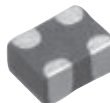
Specifications:

- Operating Temperature: -25 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



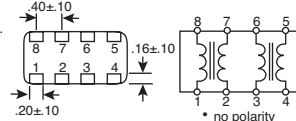
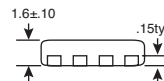
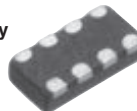
For quantities greater than list, call for quote.

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



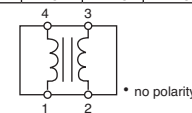
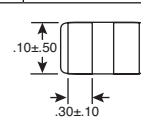
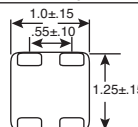
For quantities greater than list, call for quote.

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

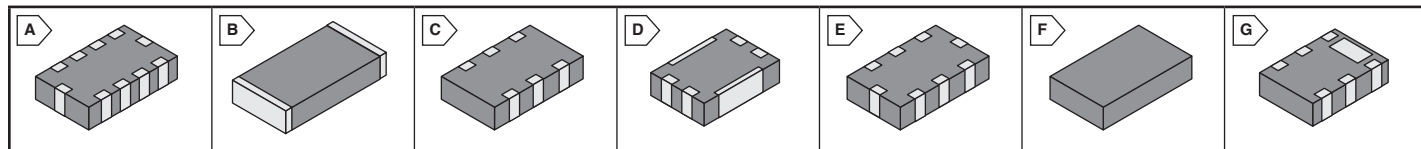
Applications:

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



For quantities greater than list, 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	5.00	4.16	3.12	2.77
810-MCZ1210AH900	MCZ1210AH900	90W±25%	1.25x1.0	0.5	1	5.00	4.16	3.12	2.77
810-MCZ2010AH900	MCZ2010AH900	90W±25%	2.0x1.0	0.5	2	9.99	8.33	6.24	5.55
810-MCZ2010AH121	MCZ2010AH121	120W±25%	2.0x1.0	0.5	2	9.99	8.33	6.24	5.55



MULTILAYER CHIP ANTENNAS

For quantities of 1000 and up, 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-ANT1085-4R1-01A	ANT1085-4R1-01A	A	UltraWide Band	3.1 to 5.2	Linear (Mixed)	2.0 dBi	50	3.0	7.72	5.72	4.57	4.29
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

MULTILAYER CHIP ULTRAWIDEBAND BALUNS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	TDK Part No.	Fig.	Application	Frequency Range (GHz)	Unbalanced Port Characteristic Impedance (Ohms)	Balanced Port Characteristic Impedance (Ohms)	Unbalanced Port Return Loss (dB)	Phase Imbalance at Balanced Port	Price Each			
									1	10	100	500
810-HHM1596A1	HHM1596A1	C	UltraWide Band	3.1-4.9	50	100	10	180 ± 15°	2.25	1.91	1.57	1.23
810-HHM1595A1	HHM1595A1	C	UltraWide Band	3.0-8.0	50	100	10	180 ± 15°	2.25	1.91	1.57	1.23

MULTILAYER CHIP BAND PASS FILTERS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	TDK Part No.	Fig.	Application	Pass Band	Insertion Loss (dB Max)	Unbalanced Port Characteristic Impedance (Ohms)	Balanced Port Characteristic Impedance (Ohms)	Phase Imbalance at Balanced Port	Price Each			
									1	10	100	500
810-DEA252450BT-7035	DEA252450BT-7035B2	D	*CSR BC3 IC Ref	2.4-2.5GHz	3.6	50	34+j72	180 ± 8°	3.29	2.79	2.30	1.80
810-DEA202450BT-7041	DEA202450BT-7041E1	E	** CSR BC4 IC Ref	2.4-2.5GHz	5.0	Matched to BC4 Ref	Matched to BC4 Ref	180 ± 15°	2.93	2.48	2.05	1.61
810-DEA252450BT-7046	DEA252450BT-7046A1	D	Bluetooth	2.4-2.5GHz	3.0	50	34+j72	180 ± 8°	3.29	2.79	2.30	1.80
810-DEA202450BT-7077	DEA202450BT-7077A1	E	W-LAN	2.4-2.5GHz	3.9	50	34+j72	180 ± 10°	2.93	2.48	2.05	1.61
810-DEA453960BT-3002	DEA453960BT-3002B1	F	UltraWide Band	3.168-4.752GHz	2.2	50	~	~	4.50	3.82	3.15	2.47
810-DEA453960BT-3007	DEA453960BT-3007B1	F	UltraWide Band	3.168-4.752GHz	2.2	50	~	~	4.50	3.82	3.15	2.47

* BC3 is CSR's Bluecore3 bluetooth wireless system.

** BC4 is CSR's Bluecore4 bluetooth wireless system.

MULTILAYER CHIP ULTRAWIDEBAND DIPLEXER

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	TDK Part No.	Fig.	Insertion Loss		Return Loss		Attenuation		Price Each			
			Low Band (2.3-2.5GHz)	High Band (3.168-4.752GHz)	ANT (2.3-2.5GHz)	ANT (3.168-4.752GHz)	Low Band (2.3-2.5GHz)	High Band (3.168-4.752GHz)	1	10	100	500
810-DPX204752DT-4028	DPX204752DT-4028A1	G	1.1dB	1.2dB	10dB	7.0dB	20dB	20dB	4.00	3.40	2.80	2.20