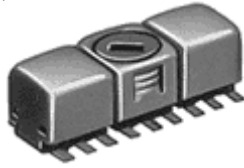


Miniature LC Filters

[BACK](#)

4FT

(5.2x14.9x5.1mm) Max.



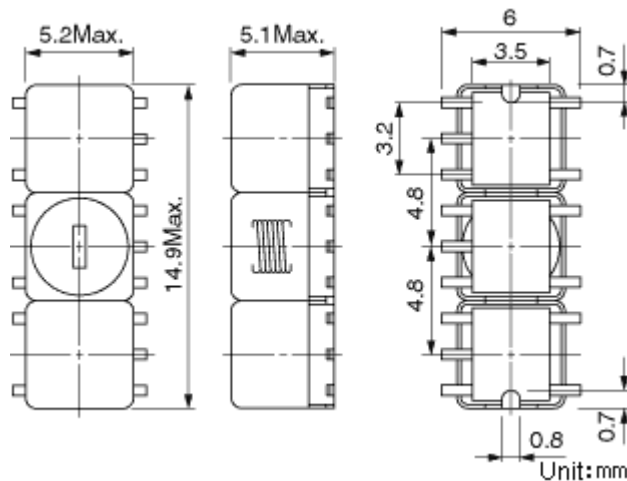
Features

- Ultra-compact LC block filters based on 4mm square coil units. Suitable for surface mounting.
- Basic units will take up to 2 built-in capacitors
- Adjustable and non-adjustable types available. Up to three units may be used in combination
- Highly adaptable - suitable for highpass, lowpass, and bandpass filters, delay lines, equalizers, etc.
- Shield case minimizes interference with other components, allowing high-density layout.
- Suitable for surface mounting (reflow soldering)

Applications

- Developed for use in the compact world of video

Dimensions



Specifications

LPF for Video camera

TOKO Part No.	Pixels	Characteristics
TH356LSM-7945	480k	30MHz

Filters for Digital encoder

TOKO Part No.	Impedance
TH356LNM-8178	In=470/Out=10K Ω

Filter for DVD

TOKO Part No.	Applications	Impedance
TH356LNM-8165	D/A Y,C,COMP LPF	In=470/Out=10K Ω

Lowpass filters

TOKO Part No.	Cut-off Frequency	Group Delay
H356LNL-2754	1.5MHz	660ns.
H356LNL-3372	2.0MHz	490ns.
H356LSM-2942	2.2MHz	500ns.
H356LSM-4609	2.5MHz	350ns.
H356LSM-5199	2.7MHz	550ns.
H356LSL-2554	3.0MHz	300ns.
H356LNM-1990	1.0MHz	480ns.
H356LSM-3382	2.0MHz	640ns.
H356LNM-5128	2.5MHz	420ns.
H356LSM-2470	2.8MHz	500ns.
H356LSM-2476	3.0MHz	500ns.
H356LSM-2851	2.2MHz	300ns.

Filter for MUSE decoder, M-N Converter

TOKO Part No.	Applications	Impedance
TH356LDM-7086 TH356LDM-7086	8.15MHz LPF	330Ω
TH356LDM-7976 TH356LDM-7976	8.15MHz LPF	330Ω

Filter for digital CATV

TOKO Part No.	Applications
TH356LNM-8178	Y,C,Comp LPF
TH356LNM-8500	Y,C,Comp LPF

Filter for digital TV

TOKO Part No.	Applications
TH356LTK-8675	5.38MHz LPF
TH356LTK-8676	10MHz LPF

Wide band delay time

TOKO Part No.	Group Delay	Impedance
TG356ENM-6896	40ns.	150Ω
TG356ENM-6897	50ns.	150Ω
TG356ENM-6898	60ns.	150Ω
TG356ENM-6899	70ns.	150Ω

Equalizing transformer

TOKO Part No.	Bandwidth	Group delay
G356ENM-3269	10MHz	150ns.
G356ENM-4136	10MHz	180ns.
G356ENM-4180	9MHz	200ns.
H356ENM-4338	8MHz	230ns.
H356ENM-3018	7MHz	260ns.
H356ENM-3823	5MHz	330ns.
G356ENM-2705	4MHz	350ns.
G356ENM-4605	4MHz	420ns.
G356ENM-2633	4MHz	450ns.
G356ENM-2361	3MHz	500ns.
G356ENM-4919	2MHz	520ns.
G356ENM-4926	2MHz	620ns.

Bandpass Filter

TOKO Part No.	Center Frequency	Bandwidth	Group Delay	
TH356BTJ-5192	1.5MHz	0.3MHz (-3dB)	2200ns.	
H356BTK-2785	1.5MHz	0.3MHz (-3dB)	2500ns.	

TH356LSM-4873	3.5MHz	280ns.
TH356LDL-5010	3.8MHz	150ns.
H356LDL-2669TCD	5.0MHz	150ns.
H356LNK-3271	1.5MHz	300ns.
H356LNM-2167	2.8MHz	450ns.
H356LSM-3052	3.0MHz	380ns.
H356LDM-3967	3.5MHz	200ns.
H356LSM-4974	4.0MHz	230ns.
H356LDL-3339	4.5MHz	150ns.
H356LNL-3237	4.8MHz	200ns.
H356LSM-5120	5.0MHz	230ns.
H356LDM-4935	5.9MHz	90ns.
H356LDM-4701	5.9MHz	90ns.
H356LNM-3795	5.3MHz	270ns.
TH356LNM-5189	5.0MHz	180ns.
H356LSM-2671	6.0MHz	230ns.
H356LSL-2974	7.0MHz	150ns.
H356LSM-3567	5.5MHz	250ns.
H356LSM-3518	5.5MHz	250ns.
H356LSM-2951	6.0MHz	220ns.
TH356LSM-5109	7.0MHz	225ns.
TH356LSK-3811	8.0MHz	140ns.
H356LNL-3638	1.0MHz	490ns.
H356LNL-3919	5.0MHz	180ns.
H356LNM-2519	5.0MHz	300ns.
H356LSM-3648	6.0MHz	220ns.
TH356LNM-4505	7.0MHz	250ns.
TH356LNM-4449	8.0MHz	220ns.

TH356BTK-4821	1.5MHz	0.2MHz (-3dB)	2700ns.	
TH356BTK-4165	1.5MHz	0.2MHz (-3dB)	3500ns.	
TH356BTK-4984	1.5MHz	0.25MHz (-3dB)	4450ns.	
H356BTK-4166	1.70MHz	0.2MHz (-3dB)	6200ns.	
H356BDM-1743	3.58MHz	1.0MHz (-3dB)	500ns.	2.
H356BTJ-3599	4.32MHz	0.4MHz (-3dB)	1100ns.	
H356BDJ-3454	4.43MHz	1.5MHz (-3dB)	540ns.	5
A356BTL-3456	5.06MHz	0.8MHz (-3dB)	670ns.	3.7
H356BTJ-3770	5.17MHz	0.4MHz (-3dB)	1300ns.	
H356BTK-4291	3.58MHz	4.5MHz (-3dB)	90ns.	7.16
H356BTK-1641	3.58MHz	3.0MHz (-3dB)	210ns.	7
H356BTJ-1642	3.58MHz	2.5MHz (-3dB)	260ns.	
TH356BTM-4708	3.58MHz	2.5MHz (-3dB)	240ns.	7
H356BTK-4835	3.58MHz	1.2MHz (-3dB)	430ns.	7
H356BTL-1032	3.58MHz	1.2MHz (-3dB)	490ns.	1.5
H356BTK-4672	3.58MHz	2.0MHz (-3dB)	550ns.	7
H356BTK-5016	3.58MHz	0.7MHz (-3dB)	730ns.	1
TH356BTM-4709	4.43MHz	3.0MHz (-3dB)	190ns.	8