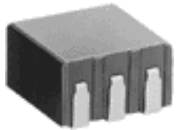


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LC filters for video equipment

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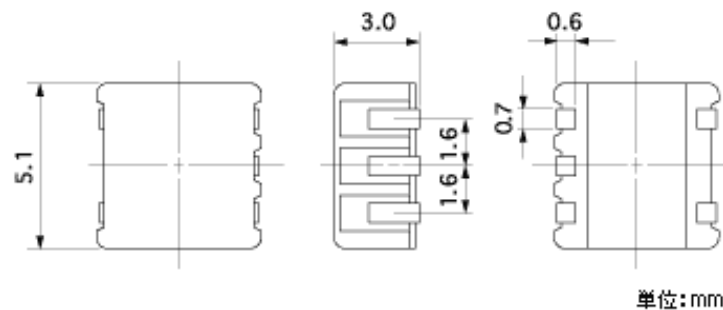
Features

- Low profile: Height=3.0mm
- Highly reliable and suitable for surface mounting.
- Available for a wide range of usage.
- RoHS compliant.

Applications

- Ideal for video cameras, electronic still cameras and portable video equipment.

Dimensions



Specifications

Effective bandwidth	0.1 ~ 15MHz
Maximum inductance	300 μ H
Approx value Q under no load	40
Internal capacitor	3 ~ 510pF up to 2 int.
Max. No.combinable	3

● LPF for video camera (SMT type)

Part number	Pixel	Characteristics
#629LKN-1658	250k	3.8MHz
#629EKN-1659	250k	3.8MHz
#629LKN-1661	380k	5.72MHz
#629EKN-1662	380k	5.72MHz
#T629LKN-1621	480k over	15MHz
#T629LKN-1620	480k over	30MHz
#T629EKN-1623	480k over	30MHz

● Filters for digital encoder

Part number	Impedance
#629LKN-1419	1k ohm
#629LKN-1539	75 ohm
#629LKN-1540	75 ohm
#629LKN-1549	75 ohm

● Filters for DVD

Part number	Application	Impedance
#T629LLN-1427	RF LPF	330 ohm
#629LKN-1360	D/A Y,C,COMP LPF	1k ohm
#629LMN-1536	D/A Y,C,COMP LPF	1k ohm

● Filters for digital still camera

Part number	Application	Group delay	Impedance
#629LKN-1360	7MHz LPF	140ns.	1k ohm

● Wide band delay line

Part number	Group delay	Impedance
#629EKN-1506	5ns.	150 ohm
#629EKN-1507	10ns.	150 ohm
#629EKN-1508	15ns.	150 ohm
#629EKN-1509	20ns.	150 ohm
#629EKN-1519	25ns.	150 ohm
#629EKN-1510	30ns.	150 ohm
#629EKN-1511	35ns.	150 ohm
#629EKN-1512	40ns.	150 ohm
#629EKN-1518	45ns.	150 ohm
#629EKN-1513	50ns.	150 ohm
#629EKN-1544	60ns.	470 ohm
#629EKN-1543	80ns.	470 ohm

● Lowpass filters

Part number	Cut-off freq.	Group delay	Input Impedance	Output Impedance
#629LKN-1772	7.2MHz	125ns.	560 ohm	5.6k ohm
#T629LLN-1761	17MHz	25ns.	300 ohm	300 ohm
#629LKN-1061	5.0MHz	100ns.	1k ohm	1k ohm
#629LLN-1041	5.0MHz	250ns.	1k ohm	1k ohm
#629LLN-1034	5.0MHz	270ns.	1k ohm	1k ohm
#629LLN-1064	5.5MHz	250ns.	1k ohm	1k ohm
#629LKN-1019	6.0MHz	150ns.	1k ohm	1k ohm
#629LLN-1049	6.5MHz	150ns.	1k ohm	1k ohm
#629LKN-1018	6.0MHz	180ns.	1k ohm	1k ohm
#629LKN-1065	6.0MHz	180ns.	1k ohm	1k ohm
#629LLN-1054	6.0MHz	220ns.	1k ohm	1k ohm
#629LKN-1025 #629EKN-1038	6.0MHz	340ns.	1k ohm	1k ohm
#629LLN-1035 #629EKN-1036	5.0MHz	480ns.	1k ohm	1k ohm

● Equalizing transformers

Part number	Bandwidth	Group delay	Input Impedance	Output Impedance
#629EKN-1030	5.0MHz	180ns.	1k ohm	1k ohm
#629EKN-1032	4.0MHz	240ns.	1k ohm	1k ohm
#629EKN-1043	4.0MHz	235ns.	1k ohm	1k ohm
#629EKN-1044	5.0MHz	185ns.	1k ohm	1k ohm