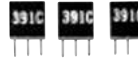


Japan

Lead Coil type, EMI Filters (DNF)

Types: **ELKT** (2.6mm thickness high attenuation)



ELKT

Useful EMI noise filter when signal and noise frequency are close  
 T type radial lead EMI filter consisting of one capacitance and two inductances

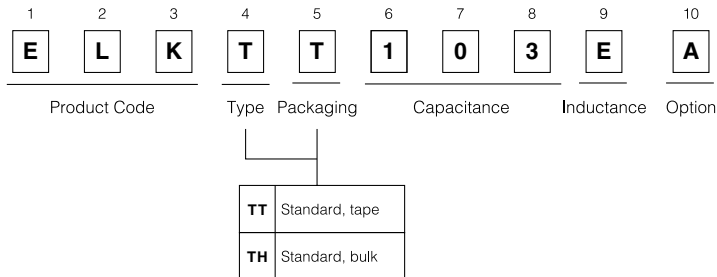
### ■ Features

- Flat response at signal frequency and sharp noise attenuation characteristics  
 Little distortion of pulse signal wave form and good noise attenuation toward high frequency noise(Good EMI filter for analog signal line such as video signal)
- Good noise attenuation with high impedance load

### ■ Recommended Applications

- Reduction of EMI noise on the signal line, I/O line and DC line circuit within OA, AV, communication equipment.

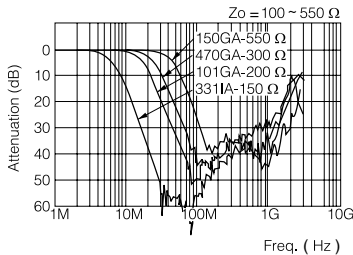
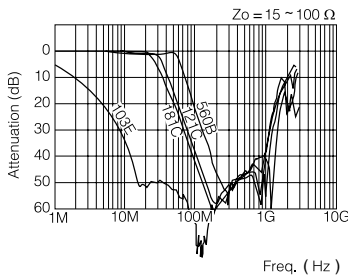
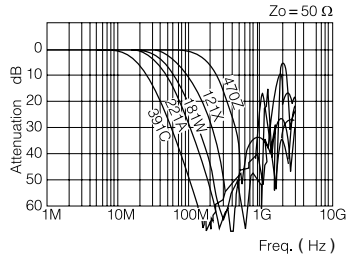
### ■ Explanation of Part Numbers



### Performance Specifications Summary

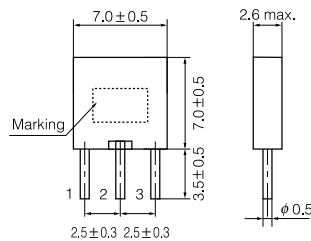
Part No.	Cut off Frequency	Capacitance	Voltage	Current	Matching Resistor <sup>*1</sup>
ELKTT470ZA	100 MHz	47 pF typ.	50 Vmax.	0.15 Amax.	—
ELKTT121XA	50	120			
ELKTT181WA	30	180			
ELKTT221AA	25	220			
ELKTT391CA	10	390			
ELKTT560BA	50 MHz	56 pF typ.	50 Vmax.	0.13 Amax.	56 Ω
ELKTT121CA	30	120		0.12 Amax.	47
ELKTT181CA	20	180			39
ELKTT103EA	1/DC	10000		16 V max.	0.1 A max.
ELKTT150GA	40 MHz	15 pF typ.	50 Vmax.	0.09 A max.	330 Ω
ELKTT470GA	25	47			220
ELKTT101GA	15	100			150
ELKTT331IA	5	330.			150

### Performance characteristics

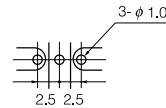


### Dimensions in mm (not to scale)

#### ● Type ELKT



#### ● Recommended PWB Piercing Plan (not to scale)



#### ● Standard Packing Quantity

1000 pcs.

\*1 Matching resistor can compensate pulse signal wave form distortion when inserted in IC circuits

