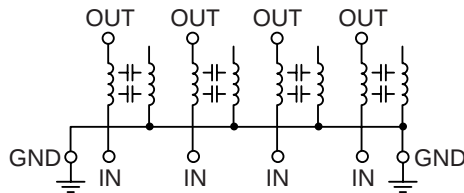


Integrated Passive Components (IPC)

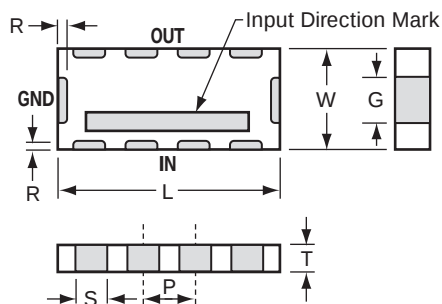


EMI Noise Filter Array - KNA

Equivalent Circuit



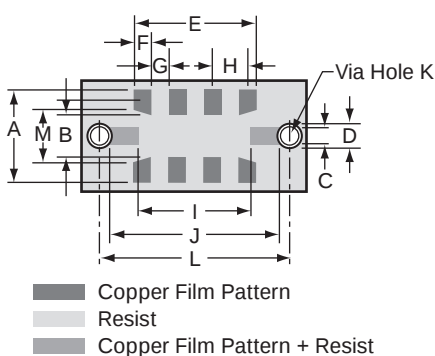
Dimensions



Dimensions: mm (inches)

L	3.20 ± 0.20 (0.126 ± 0.008)
W	1.60 ± 0.20 (0.063 ± 0.008)
T	0.90 max. (0.035 max.)
P	0.80 (0.031)
S	0.35 ± 0.15 (0.014 ± 0.006)
G	0.60 (0.024)
R	0.01 ≤ (.0004)
P	0.80 (0.031)

Recommended Land Pattern



Dimensions: mm (inches)

A	2.20 (0.087)
B	1.00 (0.039)
C	0.40 (0.016)
D	0.60 (0.024)
E	2.80 (0.110)
F	0.40 (0.016)
G	0.40 (0.016)
H	0.80 (0.031)
I	2.60 (0.102)
J	3.80 (0.150)
K	0.30 ~ 0.40 (0.012 ~ 0.016)
L	5.00 (0.197)
M	1.30 (0.051)

HOW TO ORDER

KNA 32 050 -W 3

① ② ③ ④ ⑤

① **Series:** KNA (Array Signal Line Type)

② **Size:** 32 = 1206

③ **Cut Off Frequency:**
MHz

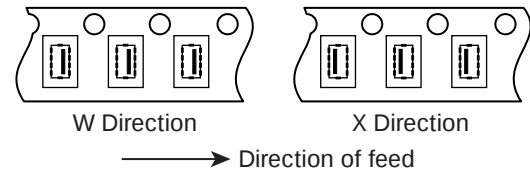
④ **Taping Direction:**

(W = IN Left/X = IN Right) STD = W

⑤ **Quantity (Per Reel = Kpcs):**
STD = 3Kpcs

Taping Direction

W direction is standard specification. However, X direction is possible, if specified.



Performance/Requirement

A = Insulation Resistance ----- 1000MΩ min.

B = Operating Temperature ----- -25 ~ 85°C

Electrical Characteristics

Part Number	Cut off ^{*1} Frequency (MHz)	Capacitance (pF) +25/-20%	ATT Characteristics ^{*2} (Typical 20dB) ATT Range = MHz	Rated Current (mA = DC)	Rated Voltage (V = DC)
KNA32050	50	115	350 ~ 850	100	25
KNA32100	100	65	450 ~ 950	100	25
KNA32200	200	33	700 ~ 1200	100	25

^{*1} Attenuation of Cut off Frequency 6dB max.

^{*2} Attenuation Characteristics should be standard characteristics of 50Ω.

