

RoHS Compliant

**Features**

- Anti-ESD function by ZnO varistor is integrated in one package.
- Distributed constant type LC filter. Prevents ringing caused by circuit impedance.
- Stable noise attenuation over wide frequency range.
- Ultra Small and low profile.

**Applications**

- Data Lines for Mobile Phones (LCD Lines, Video Lines, Bus Lines)
- Bus Lines for Digital Equipment

**How to Order**

**KVA 16 300 C25 MA 1D 5T S**  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Series		
② Size Code	<b>16</b>	1608
③ Cut off Frequency	<b>300</b>	300MHz
④ Capacitance	<b>C25</b>	25pF
⑤ Application	<b>MA</b>	For Mobile phone
⑥ Breakdown Voltage	<b>1D</b>	20V
⑦ Packaging	<b>5T</b>	T&R: 5000 pcs. (Std.)
⑧ Termination	<b>S</b>	Std.

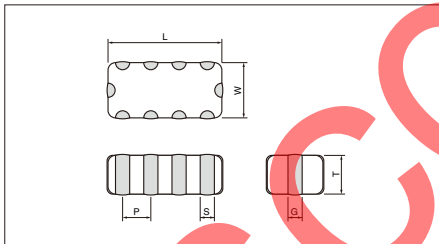
**Specifications**

Part Number	Cut off Frequency*	Capacitance (+30/ -30%)	Attenuation**	Working Voltage	Breakdown Voltage
KVA16200C35MA1D5TS	200MHz	35pF	800 to 1000MHz (@30dB) 1000 to 2000MHz (@20dB)	5V	16V to 24V
KVA16300C25MA1D5TS	300MHz	25pF	800 to 1000MHz (@25dB) 1000 to 2000MHz (@20dB)	5V	16V to 24V

\* Attenuation of cut off frequency is 6dB max.  
\*\* Typical characteristics with 50 ohm termination.

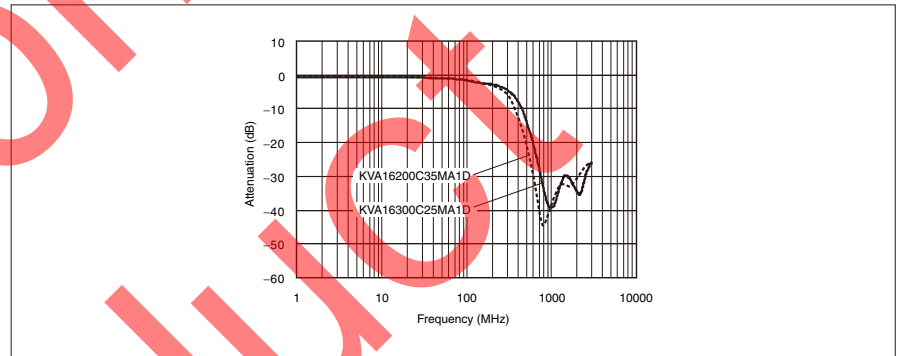
**Dimensions**

(Unit: mm)



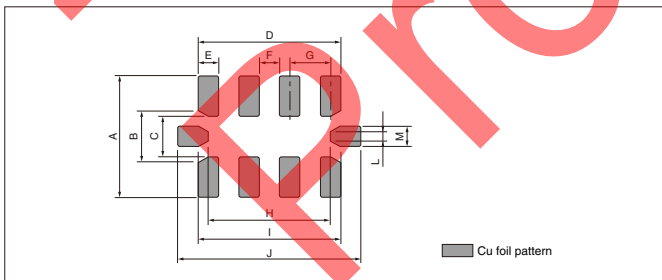
CODE	L	W	T
Dimensions	1.60±0.10	0.8±0.10	0.50±0.10
CODE	P	S	G
Dimensions	0.40	0.20±0.075	0.20±0.075

**Attenuation Characteristics**



**Recommended Land Pattern**

(Unit: mm)



CODE	A	B	C	D	E	F	G	H	I	J	L	M
Dimensions	1.20	0.50	0.40	1.43	0.23	0.17	0.40	1.20	1.40	1.80	0.10	0.20

**Packaging Specification**

- Taping KVA16 : 5,000/ reel: STD.

(Unit: mm)

