

SPGA

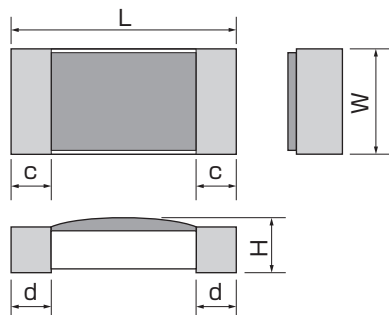
Halogen Free

Antimony Free

Pb Free

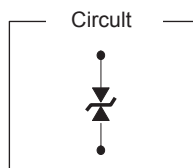
● **Features** ESD protection component.

● Dimensions



Style	Metric	Inch	L	W	H	c	d	*Unit weight/pc.
NEW SPGA06	0603	0201	0.63±0.05	0.3±0.03	0.23±0.05	0.165±0.05	0.165±0.05	0.16mg

*Values for reference



● Ratings

Part Number	Size Metric (Inch)	Capacitance ^{Note.1} pF	ESD Characteristics				ESD pulse withstand Pulses	Note.4 Rated Voltage V	Note.5 Leakage current μA	Note.6 Category Temperature Range °C
			Test Voltage V	Peak Voltage ^{Note.2} Code	Peak Voltage ^{Note.2} V	Clamp Voltage ^{Note.3} V				
NEW SPGA06	0603 (0201)	0.5 Max.	8kV Contact discharge	501	500 Max.	70 Max.	900 Min.	5 Max.	1 Max.	-40~+125
				701	700 Max.	85 Max.		12 Max.		

Note1. Capacitance : Measured at 25°C, 1MHz, 1V rms.

Note2. Peak Voltage : Measured at IEC61000-4-2 Test Voltage.

Note3. Clamp Voltage : Measured at IEC61000-4-2 Test Voltage, at 30ns.

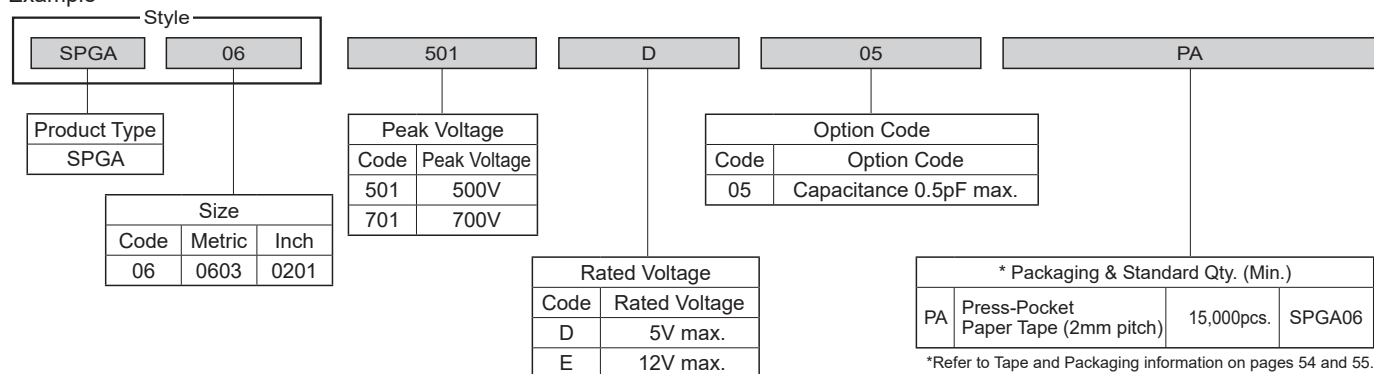
Note4. Rated Voltage : The value of voltage that is applicable to each terminal of ESD suppressor without operation of suppressor.

Note5. Leakage Current : The value of current that ESD suppressor is impressed at rated voltage.

Note6. Category Temperature Range : Working Temperature Range of ESD suppressor.

● Part Number Description

Example



*Refer to Tape and Packaging information on pages 54 and 55.