RoHS

S, SB SERIES

SPARK QUENCHER

OKAYA

Features

- Designed for 100Vac line
- Large devices have isolated external mounting tab.
- Two lead style (bare wire or PVC lead)

Applications

- Suppressing noise occuring in automatic machines, office appliances and power source

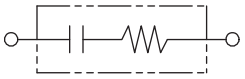
- *Model numbering system*

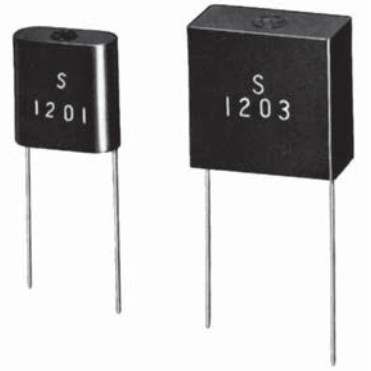
		1	2	0			
Series Name		Resistance			Capacitance		

S	Bare wire
SB	Flex PVC wire

033	0.033μF
1	0.1μF
2	0.2μF
3	0.3μF
5	0.5μF

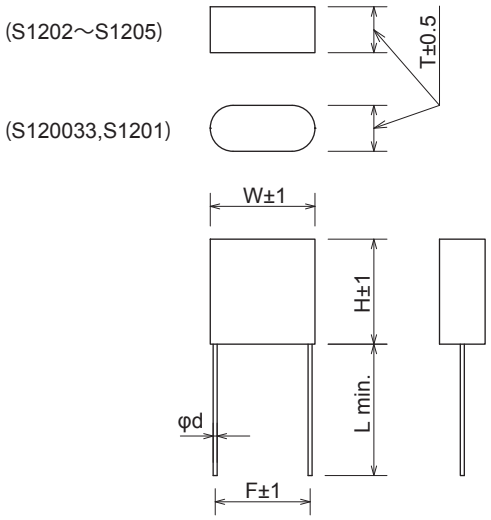
- *Circuit*



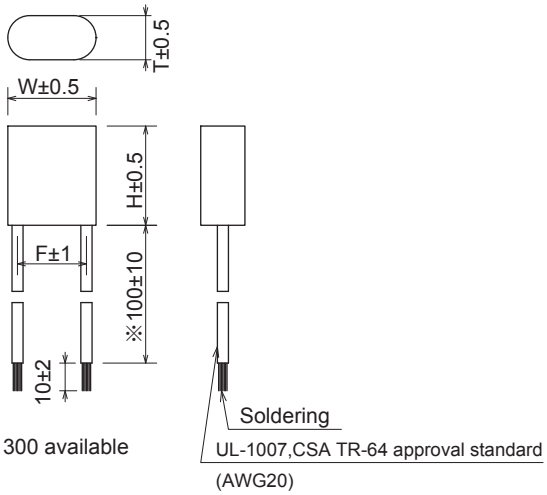


- *Dimensions*

S series (Bare wire)



SB series (Flex PVC wire)



Unit: mm

Electrical Specifications

Rated Voltage 150Vac

Model number	Capacitance μF±20%	Resistance Ω±30%	Dimensions (mm)						Pulse condition (max.)				Peak pulse voltage	Test voltage	Insulation resistance
			W	H	T	F	d	L	Peak to peak	Pulse width	Repetitive frequency	Pulse width (sec) x Frequency(Hz)			
S120033	0.033	120(1/4W)	16.0	16.0	7.0	14.5	0.6±0.05	20.0	650V max.	20msec.max.	120Hz. max.	3max.	700V	Line to Line 750Vdc or 375Vac 50/60Hz 60sec Line to Case 1,500Vac 50/60Hz 60sec	Line to Line 10,000MΩ min. Line to Case 100,000MΩ min. (at 500Vdc)
S1201	0.1									50msec.max.					
S1202	0.2	120(1/2W)	18.0	22.0	11.0	15.5	0.8±0.07	15.0				1max.			
S1203	0.3		23.0	22.5	11.5	20.0						0.5max.			
S1205	0.5														
SB120033	0.033	120(1/4W)	16.0	18.0	8.0	12.5	–	–		20msec.max.		3max.			
SB1201	0.1		16.0	18.0	8.0	12.5				50msec.max.					
SB1202	0.2		19.0	25.0	8.5	15.0									
SB1203	0.3		21.5	28.0	11.0	17.0						1max.			

*Peak to peak value of pulse condition (max.) is the maximum pulse voltage that is overlapped to line voltage and can apply betweenterminals of spark quencher.

Operating Temperature: -40~+85°C