

Surge Absorber (Spark Gap)



MSA Series

MERITEK

UL E223045

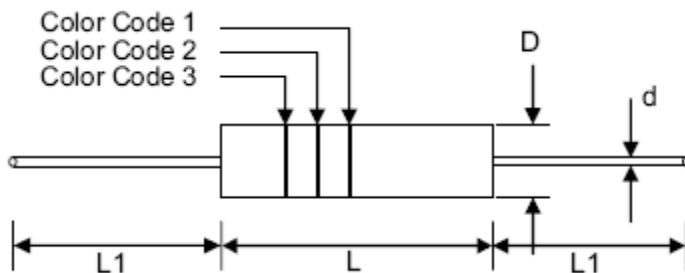
MSA2 SERIES

FEATURES

- Response time < 1ns
- MSA2 Surge Current is 1000A
- Stable and very Small electrostatic capacitance (< 0.8pF) and great isolation (> 100M)
- Standard protection required by US UL497A and UL497B
- Small size



DIMENSION



Item	MSA2
L	4.3±0.5
	6.7±0.5
L1	28.0±3.0
D	φ2.6±0.5
d	φ0.5±0.05

ELECTRICAL CHARACTERISTICS

PART NUMBER	DC Spark-Over Voltage	Minimum Insulation Resistance		Maximu Capacitance (1KHz-6V _{MAX})	Surge current capacity	Surge Life Test
	V _s (V)	Test Voltage (V)	I _{ohm} (MΩ)	C (pF)	8/20μs (A)	8/20μs, 100A
MSA2XX00702	140	50	100	0.8	1000	200 times
MSA2XX01002	200	100	100	0.8		
MSA2XX01102	220	100	100	0.8		
MSA2XX01502	300	100	100	0.8		
MSA2XX02002	400	250	100	0.8		
MSA2XX02502	500	250	100	0.8		
MSA2XX03002	600	250	100	0.8		
MSA2XX03502	700	500	100	0.8		
MSA2XX05002	1000	500	100	0.8		
MSA2XX07502	1500	500	100	0.8		

Note: V_s±XX%

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COLOR CODE

Part Number	Color Code 1	Color Code 2	Color Code 3
MSA2XX00702	Black	Yellow	-
MSA2XX01002	Red	-	-
MSA2XX01102	Red	Red	-
MSA2XX01502	Orange	-	-
MSA2XX02002	Yellow	-	-
MSA2XX02502.	Green	-	-
MSA2XX03002	Blue	-	-
MSA2XX03502	Purple	-	-
MSA2XX05002	Black	-	-
MSA2XX07502	Brown	Green	Red