

Surge Absorber (Spark Gap)



MSA Series

MERITEK

MSA1-M SERIES

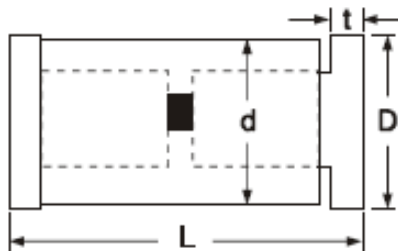
UL E223045

FEATURES

- Response time < 1ns
- MSA1 Surge Current is 3000A
- Package SMD
- Stable and very Small electrostatic capacitance (< 0.8pf) and great isolation (> 100M)
- Standard protection required by US UL497A and UL497B
- Small size



DIMENSION



ITEM	MSA1-M
L	6.0±0.5
D	φ3.3±0.5
d	φ3.1±0.5
t	0.4±0.1

ELECTRICAL CHARACTERISTICS

PART NUMBER	DC Spark-Over Voltage	Minimum Insulation Resistance		Maximu Capacitance (1KHz-6V _{MAX})	Surge current capacity (8/20μs)
	V _s (V)	Test Voltage	I _{Rohm} (MΩ)	C(pF)	(A)
MSA1XX00702-M	140	50	100	0.8	3000
MSA1XX01002-M	200	100	100	0.8	3000
MSA1XX01502-M	300	100	100	0.8	3000
MSA1XX02502-M	500	250	100	0.8	3000
MSA1XX03502-M	700	500	100	0.8	3000
MSA1XX05002-M	1000	500	100	0.8	3000

Note: V_s±XX%