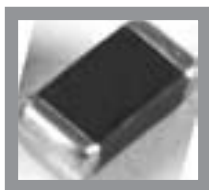


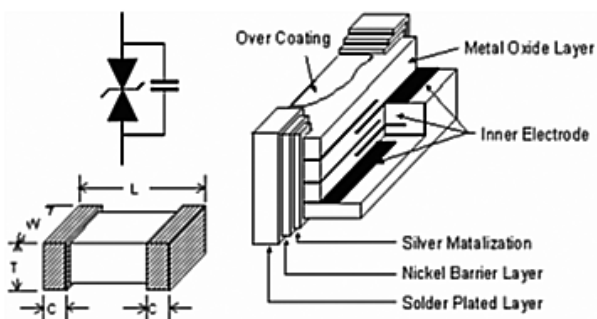
MVS series

FEATURES

1. Lead free type
2. SMD type zinc oxide based ceramic chip
3. Insulator over coat keeps excellent low and stable leakage current
4. Plating termination provided good solderability characteristic
5. Wide operating voltage range
6. Quick response time (<1ns)
7. Low clamping voltage
8. Meet IEC 61000-4-2 standard
9. Low capacitance can meet high speed single transient voltage protection



DIMENSIONS



APPLICATIONS

1. For Mother board, Note book, Cellular phone, PDA, Handheld device, DSC, DV and Set Top box etc
2. For Vcc line and low frequency signal line over voltage protection

PARTNUMBER

MVS	1608	V	004	C	100	F	V
A	B	C	D	E	F	G	H

A: Series
 B: Dimension
 C: Voltage
 D: Max. AC working voltage
 E: Capacitance
 F: Typical Capacitance: 100 = 10(pF)
 G: Lead Free Code
 H: ID Code

Size EIA (EIAJ)	0603(1608)
L	1.60±0.20
W	0.80±0.20
T	0.80±0.20
C	0.30±0.20



Varistor

SMD



MVS series

MVS 1005

BW Part Number	Working Voltage	Cap	Clamping Voltage	Leakage Current
	V/DC	pF	V@1A, 8/20μS	nA(Max)
MVS1005V005C101FV	5	100	52	1
MVS1005V005C061FV	5	56	52	1
MVS1005V005C031FV	5	33	52	1
MVS1005V005C021FV	5	22	52	1
MVS1005V005C011FV	5	10	72	1
MVS1005V005C6R0FV	5	4~9	72	1
MVS1005V012C101FV	12	100	55	1
MVS1005V012C061FV	12	56	55	1
MVS1005V012C031FV	12	33	55	1
MVS1005V012C021FV	12	22	55	1
MVS1005V012C011FV	12	10	72	1
MVS1005V012C6R0FV	12	4~9	72	1
MVS1005V024C3R2FV	24	2~4.5	200	1
MVS1005V024C3R5FV	24	1.6~5.4	200	1
MVS1005V024C1R1FV	24	0.8~1.5	200	1
MVS1005V024C0R3FV	24	0.15~0.45	350	1

MVS 1608

BW Part Number	Working Voltage	Cap	Clamping Voltage	Leakage Current
	V/DC	pF	V@1A, 8/20μS	nA(Max)
MVS1608V005C101FV	5	100	36	1
MVS1608V005C061FV	5	56	36	1
MVS1608V005C031FV	5	33	34	1
MVS1608V005C021FV	5	22	34	1
MVS1608V005C011FV	5	10	65	1
MVS1608V005C6R0FV	5	4~9	55	1
MVS1608V012C101FV	12	100	55	1
MVS1608V012C061FV	12	56	55	1
MVS1608V012C031FV	12	33	55	1
MVS1608V012C021FV	12	22	55	1
MVS1608V012C011FV	12	10	60	1
MVS1608V012C6R0FV	12	4~9	85	1
MVS1608V024C3R2FV	24	2~4.5	240	1
MVS1608V024C3R5FV	24	1.6~5.4	-	1
MVS1608V024C1R1FV	24	0.8~1.5	200	1
MVS1608V024C0R3FV	24	0.15~0.45	350	1