PLASTIC SURFACE MOUNT
GENERAL PURPOSE ABRUPT VARACTOR DIODES
SMV2101 - SMV2115

PART NUMBER ♦♦♦	CAPACITANCE @ 4 Vdc f = 1 MHz (pF)	MIN QUALITY FACTOR Q @ 4 Vdc f = 50 MHz	CAPACITANCE RATIO f = 1 MHZ C•2V / C•30V MIN	AVAILABLE IN THE FOLLOWING PACKAGES
SMV2101	6.8	450	2.5	-01, -08, -15
SMV2102	8.2	450	2.5	-01, -08, -15
SMV2103	10.0	400	2.5	-01, -08, -15
SMV2104	12.0	400	2.5	-01, -08, -15
SMV2105	15.0	400	2.5	-01, -08, -15
SMV2106	18.0	350	2.5	-01, -08, -15
SMV2107	22.0	350	2.5	-01, -08, -15
SMV2108	27.0	300	2.5	-01, -08, -15
SMV2109	33.0	200	2.5	-01, -08, -15
SMV2110	39.0	150	2.5	-01, -08, -15
SMV2111	47.0	150	2.5	-01, -09, -15
SMV2112	56.0	150	2.6	-01, -09, -15
SMV2113	68.0	150	2.6	-01, -09, -15
SMV2114	82.0	100	2.6	-01, -09, -15
SMV2115	100.0	100	2.6	-01, -09, -15

DC Power Dissipation	@ Ta = 25°C	250 mW
Reverse Breakdown Voltage	@ 10µA	30 V Min
Max Reverse Current (I_R)	@ Ta = 25° C	0.1 µA @ 25 Vdc
Operating Temperature (Topr)		-55 to + 125° C
Storage Temperature (Tstg)		-65 to + 150° C
Capacitance Tolerance:		±10%

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Package Styles

Requires adding a dash suffix number to the part number

SOT23 SINGLE	-08
SOT23 Common Anode	-09
TO-92 Two Terminal (TMV)	-15
CHIPS	-01