

KNOX SEMICONDUCTOR, INC.

GLASS - LEADED GENERAL PURPOSE ABRUPT VARACTOR DIODES KSV2101 - KSV2115

TYPE 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	MAX
KSV2101	6.8	450	2.5	3.2
KSV2102	8.2	450	2.5	3.2
KSV2103	10.0	400	2.5	3.2
KSV2104	12.0	400	2.5	3.2
KSV2105	15.0	400	2.5	3.2
KSV2106	18.0	350	2.5	3.2
KSV2107	22.0	350	2.5	3.2
KSV2108	27.0	300	2.5	3.2
KSV2109	33.0	200	2.5	3.2
KSV2110	39.0	150	2.5	3.2
KSV2111	47.0	150	2.5	3.2
KSV2112	56.0	150	2.6	3.3
KSV2113	68.0	150	2.6	3.3
KSV2114	82.0	100	2.6	3.3
KSV2115	100.0	100	2.6	3.3

Package Style		DO-7
DC Power Dissipation	@ Ta = 25°C	400 mW
Reverse Breakdown Voltage	@ 10µA	30 V Min
Max Reverse Current (IR)	@ Ta = 25° C	0.1 µA @ 25 Vdc
Operating Temperature (Topr)		-65 to + 175° C
Storage Temperature (Tstg)		-65 to + 200° C
Capacitance Tolerance:	Standard Device	±10%
	Suffix A	±5%