

KNOX SEMICONDUCTOR, INC.

GENERAL PURPOSE ABRUPT VARACTOR DIODES

1N950 - 1N956

TYPE NUMBER	CAPACITANCE @ - 4 Vdc	CAPACITANCE RANGE 0.1 Vdc to MWV	QUALITY FACTOR Q @ - 4 Vdc, f = 50 MHz		REVERSE VOLTAGE @ 100 μA	MAX WORKING VOLTAGE
			MIN	TYP		
1N950	35	6-88	7	39	150	130
1N951	50	12-120	7	36	100	80
1N952	70	20-270	7	30	75	60
1N953	100	46-240	7	23	30	25
1N954	35	14-88	7	20	30	25
1N955	50	22-120	7	20	30	25
1N956	70	33-120	7	20	30	25
Package Style			DO-7			
DC Power Dissipation			400 mW			
Operating Temperature (Topr)			-65 to +150°C			
Storage Temperature (Tstg)			-65 to +200°C			
Max Reverse Current (Ir)			1.0 μAdc			
Capacitance Tolerance:			±20%			
			±10%			
			±5%			