

SCHOTTKY DIODES

Small Signal Schottky Diodes in DO-35 & LL-35 Surface Mount Packages

Type	Peak Inverse Voltage (MIN.) (PIV) Volts	Maximum Forward Voltage Drop		Maximum Reverse Leakage Current		Typical Capacitance @ 0V (C ₀) Pf	Typical Reverse Recovery (NOTE 1) (t _r) nS
		(V _F) @ 1mA Volts	(V _F) @ 15mA Volts	(I _R) μA	@ V _R Volts		
1N5711	70	0.41	1.0	0.2	50	2.0	1.0
1N6263	60	0.41	1.0	0.2	50	2.2	1.0
BS101A	60	0.41	1.0	0.2	50	2.0	1.0
BS101B	50	0.40	0.95	0.2	40	2.1	1.0
BS101C	40	0.39	0.90	0.2	30	2.2	1.0

Note 1: I_F = I_R = 5mA, t_{rr} @ 0.1 I_R.

For MELF package, replace "1N" prefix with "LL," or add "L" prefix to "BS" types.

General Purpose High Current Schottky Diodes in DO-35 & LL-35 Surface Mount Packages

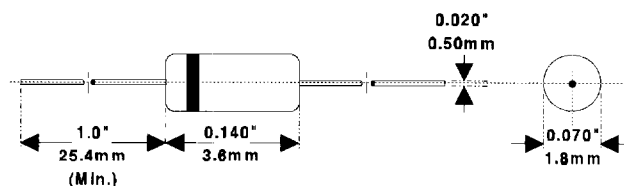
Type	Peak Inverse Voltage (MIN.) (PIV) Volts	Maximum Average Rectified Current (I _O) Amps	Maximum Forward Voltage Drop		Maximum Reverse Leakage Current		Maximum Forward Surge Current (I _{FSM}) Amps	Typical Reverse Recovery (NOTE 1) (t _r) nS
			(V _F) @ 20mA Volts	(V _F) @ 200mA Volts	(I _R) μA	@ V _R Volts		
BS103A	40	0.40	.37	0.6	5	30	8	10
BS103B	30	0.40	.37	0.6	5	20	8	10
BS103C	20	0.40	.37	0.6	5	10	8	10

Note 1: I_F = I_R = 50mA - 200mA, t_{rr} @ 0.1 I_R.

For MELF package, add "L" prefix.

All BKC parts are available in high-reliability processing to S level. See page 5 for ordering information.

DO-35 Glass Package (nominal dimensions)



LL-34/35 MINI-MELF Surface Mount Package (nominal dimensions)

