General Purpose and Switching Diodes in MiniMELF Package

Type	Peak Inv. Voltage PIV	Max. Aver. Rectified Current I_0	Power Dissipation at 25 °C	Junction Temperature T_j	Forward Voltage Drop V_F	at I_F	Reverse Current I_R	at V_R	Reverse Recovery Time	
	Volts	mA	max. mW	max. °C	max. V	mA	max. nA	Volts	t_{rr} ns	Conditions
BAV100	60	200	400	175	1.0	100	100	50	max. 50	$I_F = I_R = 30$ mA, $R_L = 100\ \Omega$ to $I_R = 3$ mA
BAV101	120	200	400	175	1.0	100	100	100	max. 50	$I_F = I_R = 30$ mA, $R_L = 100\ \Omega$ to $I_R = 3$ mA
BAV102	200	200	400	175	1.0	100	100	150	max. 50	$I_F = I_R = 30$ mA, $R_L = 100\ \Omega$ to $I_R = 3$ mA
BAV103	250	200	400	175	1.0	100	100	200	max. 50	$I_F = I_R = 30$ mA, $R_L = 100\ \Omega$ to $I_R = 3$ mA
LL4148	100	150	500	175	1.0	10	25	20	max. 4.0	$I_F = 10$ mA, $V_R = 6$ V, $R_L = 100\ \Omega$, to $I_R = 1$ mA
LL4149	100	150	500	175	1.0	10	25	20	max. 4.0	$I_F = 10$ mA, $V_R = 6$ V, $R_L = 100\ \Omega$, to $I_R = 1$ mA
LL4150	50	200	500	175	1.0	200	100	50	max. 4.0	$I_F = I_R = 10$ to 200 mA, to 0.1 I_F
LL4151	75	150	500	175	1.0	50	50	50	max. 2.0	$I_F = 10$ mA, $V_R = 6$ V, $R_L = 100\ \Omega$, to $I_R = 1$ mA
LL4152	40	150	400	175	0.55	0.10	50	30	max. 2.0	$I_F = 10$ mA, $V_R = 6$ V, $R_L = 100\ \Omega$, to $I_R = 1$ mA
LL4153	75	150	400	175	0.55	0.10	50	50	max. 2.0	$I_F = 10$ mA, $V_R = 6$ V, $R_L = 100\ \Omega$, to $I_R = 1$ mA
LL4154	35	150	500	175	1.0	30	100	25	max. 2.0	$I_F = 10$ mA, $V_R = 6$ V, $R_L = 100\ \Omega$, to $I_R = 1$ mA
LL4446	100	150	500	175	1.0	20	25	20	max. 4.0	$I_F = 10$ mA, $V_R = 6$ V, $R_L = 100\ \Omega$, to $I_R = 1$ mA
LL4447	100	150	500	175	1.0	20	25	20	max. 4.0	$I_F = 10$ mA, $V_R = 6$ V, $R_L = 100\ \Omega$, to $I_R = 1$ mA
LL4448	100	150	500	175	1.0	100	25	20	max. 4.0	$I_F = 10$ mA, $V_R = 6$ V, $R_L = 100\ \Omega$, to $I_R = 1$ mA
LL4449	100	150	500	175	1.0	30	25	20	max. 4.0	$I_F = 10$ mA, $V_R = 6$ V, $R_L = 100\ \Omega$, to $I_R = 1$ mA
LL4450	40	150	400	175	0.54	0.50	50	30	max. 4.0	$I_F = I_R = 10$ mA, to $I_R = 1$ mA
LL4451	40	150	400	175	0.50	0.10	50	30	max. 10	$I_F = I_R = 10$ mA, to $I_R = 1$ mA
LL4453	30	150	400	175	0.55	0.01	50	20	–	–
LL4454	75	150	400	175	1.0	10	100	50	max. 4.0	$I_F = I_R = 10$ mA, to $I_R = 1$ mA