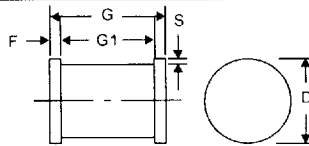
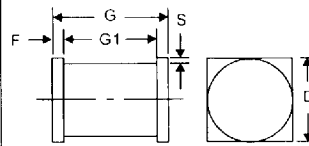
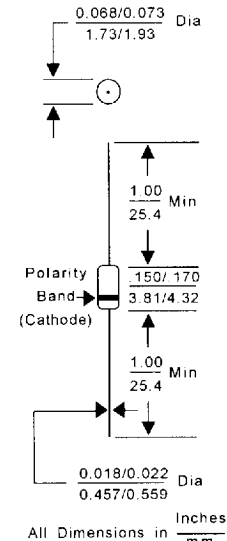


SWITCHING DIODES, SURFACE MOUNT, MELF PACKAGE

ISI Part Number	Power Dissipation	Peak Reverse Voltage	Maximum Average Fwd Current	Maximum Forward Voltage Drop at I_F		Maximum Reverse Current at V_R		Maximum Reverse Recovery Time	Package Quantities	Outline																																		
	P_o (mW)	V_{RM} (Volts)	I_o (mA)	V_F (V)	I_F (mA)	V_R (V)	I_R (nA)	T_{RR} (nS)	7" Reel	Inches/millimeters																																		
LL4148	500	100	150	1.0	10	20	25	4.0	2500	 <table><thead><tr><th rowspan="2">DIM</th><th colspan="2">MM</th><th colspan="2">INCHES</th></tr><tr><th>MIN</th><th>MAX</th><th>MIN</th><th>MAX</th></tr></thead><tbody><tr><td>D</td><td>1.40</td><td>1.50</td><td>.055</td><td>.060</td></tr><tr><td>F</td><td>0.20</td><td>0.40</td><td>.008</td><td>.016</td></tr><tr><td>G</td><td>3.40</td><td>3.60</td><td>.134</td><td>.142</td></tr><tr><td>S</td><td>0.03</td><td></td><td>.001</td><td></td></tr><tr><td>G1</td><td>2.90 REF</td><td></td><td>.145 REF</td><td></td></tr></tbody></table> MiniMELF	DIM	MM		INCHES		MIN	MAX	MIN	MAX	D	1.40	1.50	.055	.060	F	0.20	0.40	.008	.016	G	3.40	3.60	.134	.142	S	0.03		.001		G1	2.90 REF		.145 REF	
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LL4149	500	100	150	1.0	10	20	25	4.0																																				
LL4150	500	50	20	1.0	200	50	100	4.0																																				
LL4151	500	75	150	1.0	50	50	50	2.0																																				
LL4152	400	40	150	0.55	0.10	30	50	2.0																																				
LL4153	400	75	150	0.55	0.10	50	50	2.0																																				
LL4154	500	35	150	1.0	30	25	100	2.0																																				
LL4446	500	100	150	1.0	20	20	25	4.0																																				
LL4447	500	100	150	1.0	20	20	25	4.0																																				
LL4448	500	100	150	1.0	100	20	25	4.0																																				
LL4449	500	100	150	1.0	100	20	25	4.0																																				
LL4450	400	40	150	0.54	0.50	30	50	4.0																																				
LL4451	400	40	150	0.50	0.10	30	50	10																																				
LL4453	400	30	150	0.55	0.01	20	50	-																																				
LL4454	400	75	150	1.0	10	50	100	4.0																																				
LS4148	500	100	200	1.0	10	20	25	4.0	2500	 <table><thead><tr><th rowspan="2">DIM</th><th colspan="2">MM</th><th colspan="2">INCHES</th></tr><tr><th>MIN</th><th>MAX</th><th>MIN</th><th>MAX</th></tr></thead><tbody><tr><td>D</td><td>1.30</td><td>1.50</td><td>.051</td><td>.059</td></tr><tr><td>F</td><td>0.30</td><td>0.36</td><td>.012</td><td>.016</td></tr><tr><td>G</td><td>3.30</td><td>3.70</td><td>.130</td><td>.146</td></tr><tr><td>S</td><td>0.03</td><td></td><td>.001</td><td></td></tr><tr><td>G1</td><td>2.84 REF</td><td></td><td>.112 REF</td><td></td></tr></tbody></table> Square MiniMELF	DIM	MM		INCHES		MIN	MAX	MIN	MAX	D	1.30	1.50	.051	.059	F	0.30	0.36	.012	.016	G	3.30	3.70	.130	.146	S	0.03		.001		G1	2.84 REF		.112 REF	
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GENERAL PURPOSE DIODES, GLASS PACKAGE

ISi Part Number	Minimum Breakdown Voltage	Maximum Reverse Current		Forward Voltage Drop		Maximum Reverse Recovery Time	Package Quantities	Outline
	V_{BRM} (V)	I_R (nA)	V_R (Volts)	V_F (Volts)	I_F (mA)	T_{RR} (nS)	Bulk/Reel	Inches/millimeters
1N456	30	25	25	1.0	40	10	1000/ 5,000	 All Dimensions in $\frac{\text{Inches}}{\text{mm}}$ DO-35
1N456A	30	25	26	1.0	100	10		
1N457	70	25	60	1.0	20	8.0		
1N457A	70	25	60	1.0	100	8.0		
1N458	150	25	125	1.0	7	6.0		
1N458A	150	25	125	1.0	100	6.0		
1N459	200	25	175	1.0	3	6.0		
1N459A	200	25	175	1.0	100	6.0		
1N461A	30	500	25	1.0	100	6.0		
1N462A	70	500	60	1.0	100	6.0		
1N463A	200	500	175	1.0	100	6.0		
1N625	30	1000	20	1.5	4.0	1000		
1N626	50	1000	30	1.5	4.0	1000		
1N627	100	1000	75	1.5	4.0	1000		
1N628	150	1000	125	1.5	4.0	1000		
1N629	200	1000	175	1.5	4.0	1000		
1N659	60	5000	50	1.0	6.0	300		
1N660	120	5000	100	1.0	6.0	300		
1N661	240	10000	200	1.0	6.0	300		
1N3070	200	100	175	1.0	100	50		
1N4938	200	100	175	1.0	100	50		