

ISI Part Number	Maximum Average Rectified Current at T _a	Peak Inverse Voltage	Peak Forward Surge Current @ 8.3ms Superimposed	Maximum Fwd Voltage @ Rated I _F & T _a =25°C	Maximum Reverse Current @ T _a =25°C	Typical Junction Capacitance at 1.0 MHz		Package Quantities	Outline																																												
	I _F (A)	T _a (°C)	PIV (V)	I _{FSM} (Amps)	V _{FM} (Volts)	I _R (mA)	V _R (V)			C (pF)	V _a (V)																																										
LL101A LL101B LL101C	10 mA	90	60	2.0	1.00 @ 5mA	0.20 (uA)	50	2.0	4.0	2500/ 10000	<table border="1"> <thead> <tr> <th rowspan="2">DIM</th><th colspan="3">MM</th><th colspan="3">INCHES</th></tr> <tr> <th>MIN</th><th>MAX</th><th></th><th>MIN</th><th>MAX</th></tr> </thead> <tbody> <tr> <td>D</td><td>1.40</td><td>1.50</td><td></td><td>.055</td><td>.060</td></tr> <tr> <td>F</td><td>0.20</td><td>0.40</td><td></td><td>.008</td><td>.016</td></tr> <tr> <td>G</td><td>3.40</td><td>3.60</td><td></td><td>.134</td><td>.142</td></tr> <tr> <td>S</td><td>0.03</td><td></td><td></td><td>.001</td><td></td></tr> <tr> <td>G1</td><td>2.90</td><td>Ref</td><td></td><td>.145</td><td>Ref</td></tr> </tbody> </table>	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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LL103A LL103B LL103C	0.2	90	40	15	0.6	40	2.0	4.0																																													
			30			0.10	20		2.1																																												
			20			0.15 (uA)	10		2.2																																												
LL5817 LL5818 LL5819	1.0	90	20	25	.45	1.0	20	110	4.0	1500/ 5000	<table border="1"> <thead> <tr> <th rowspan="2">DIM</th><th colspan="3">MM</th><th colspan="3">INCHES</th></tr> <tr> <th>MIN</th><th>MAX</th><th></th><th>MIN</th><th>MAX</th></tr> </thead> <tbody> <tr> <td>D</td><td>2.41</td><td>2.67</td><td></td><td>.095</td><td>.105</td></tr> <tr> <td>F</td><td>0.41</td><td>0.55</td><td></td><td>.016</td><td>.022</td></tr> <tr> <td>G</td><td>4.70</td><td>5.21</td><td></td><td>.185</td><td>.205</td></tr> <tr> <td>S</td><td>0.03</td><td></td><td></td><td>.001</td><td></td></tr> <tr> <td>G1</td><td>3.93</td><td>Ref</td><td></td><td>.155</td><td>Ref</td></tr> </tbody> </table>	DIM	MM			INCHES			MIN	MAX		MIN	MAX	D	2.41	2.67		.095	.105	F	0.41	0.55		.016	.022	G	4.70	5.21		.185	.205	S	0.03			.001		G1	3.93	Ref		.155	Ref
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DLSR102 DLSR103 DLSR104 DLSR105 DLSR106		90	20	25	.45	1.0	20	110																																													
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	100	50	25	.72	1.0	50	80																																														
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SGL41-20 SGL41-30 SGL41-40 SGL41-50 SGL41-60	1.0	90	20	30	.50	0.5	20	110	4.0																																												
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	I_L (A)	T_A ($^\circ\text{C}$)	PIV (V)	I_{FSM} (Amps)	V_{FM} (Volts)	I_R (mA)	V_R (V)	C (pF)	V_J (V)																																												
SK12	1.0	75	20	25	.40	1.0	20	110	4.0	750/ 3200	<table border="1"> <caption>Inches</caption> <tr><th></th><th>Min</th><th>Max</th></tr> <tr><td>A</td><td>0.077</td><td>0.083</td></tr> <tr><td>B</td><td>0.160</td><td>0.180</td></tr> <tr><td>C</td><td>0.130</td><td>0.155</td></tr> <tr><td>D</td><td>0.205</td><td>0.220</td></tr> <tr><td>E</td><td>0.075</td><td>0.095</td></tr> <tr><td>L</td><td>0.030</td><td>0.060</td></tr> </table> <table border="1"> <caption>mm</caption> <tr><th></th><th>Min</th><th>Max</th></tr> <tr><td>A</td><td>1.96</td><td>2.10</td></tr> <tr><td>B</td><td>4.06</td><td>4.57</td></tr> <tr><td>C</td><td>3.30</td><td>3.94</td></tr> <tr><td>D</td><td>5.21</td><td>5.59</td></tr> <tr><td>E</td><td>1.90</td><td>2.41</td></tr> <tr><td>L</td><td>0.76</td><td>1.52</td></tr> </table>		Min	Max	A	0.077	0.083	B	0.160	0.180	C	0.130	0.155	D	0.205	0.220	E	0.075	0.095	L	0.030	0.060		Min	Max	A	1.96	2.10	B	4.06	4.57	C	3.30	3.94	D	5.21	5.59	E	1.90	2.41	L	0.76	1.52
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SS22	2.0	75	20	50	.50	0.5	20	110	4.0	750/ 3200	<table border="1"> <caption>Inches</caption> <tr><th></th><th>Min</th><th>Max</th></tr> <tr><td>A</td><td>0.115</td><td>0.121</td></tr> <tr><td>B</td><td>0.260</td><td>0.280</td></tr> <tr><td>C</td><td>0.220</td><td>0.245</td></tr> <tr><td>D</td><td>0.305</td><td>0.320</td></tr> <tr><td>E</td><td>0.084</td><td>0.096</td></tr> <tr><td>L</td><td>0.030</td><td>0.060</td></tr> </table> <table border="1"> <caption>mm</caption> <tr><th></th><th>Min</th><th>Max</th></tr> <tr><td>A</td><td>2.92</td><td>3.07</td></tr> <tr><td>B</td><td>6.60</td><td>7.11</td></tr> <tr><td>C</td><td>5.59</td><td>6.22</td></tr> <tr><td>D</td><td>7.75</td><td>8.13</td></tr> <tr><td>E</td><td>2.13</td><td>2.44</td></tr> <tr><td>L</td><td>0.76</td><td>1.52</td></tr> </table>		Min	Max	A	0.115	0.121	B	0.260	0.280	C	0.220	0.245	D	0.305	0.320	E	0.084	0.096	L	0.030	0.060		Min	Max	A	2.92	3.07	B	6.60	7.11	C	5.59	6.22	D	7.75	8.13	E	2.13	2.44	L	0.76	1.52
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SK38	80	.82	80	80																																																	
SK310	100	.82	100	80																																																	