

# Silicon Rectifiers

Type Number	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 2.3ms Superimposed	Maximum Reverse Current @ PRV @ 25°C T <sub>A</sub>	Maximum Forward Voltage @ 25°C T <sub>A</sub>	
	PRV	I <sub>O</sub> @ T <sub>A</sub>		I <sub>FM</sub> (Surge)	I <sub>R</sub>	I <sub>FM</sub>	V <sub>FM</sub>
	V <sub>PK</sub>	A <sub>AV</sub>	°C	A <sub>PK</sub>	µAdc	A <sub>PK</sub>	V <sub>PK</sub>

## 1.5/2.0 Ampere/DO-15

1N5391	50	1.5	50	50	5.0	1.5	1.0
1N5392	100	1.5	50	50	5.0	1.5	1.0
1N5393	200	1.5	50	50	5.0	1.5	1.0
1N5395	400	1.5	50	50	5.0	1.5	1.0
1N5397	600	1.5	50	50	5.0	1.5	1.0
1N5398	800	1.5	50	50	5.0	1.5	1.0
1N5399	1000	1.5	50	50	5.0	1.5	1.0
J05	50	1.5	75	60	5.0	1.5	1.0
J1	100	1.5	75	60	5.0	1.5	1.0
J2	200	1.5	75	60	5.0	1.5	1.0
J4	400	1.5	75	60	5.0	1.5	1.0
J6	600	1.5	75	60	5.0	1.5	1.0
J8	800	1.5	75	60	5.0	1.5	1.0
J10	1000	1.5	75	60	5.0	1.5	1.0
RL201	50	2.0	50	70	5.0	2.0	1.0
RL202	100	2.0	50	70	5.0	2.0	1.0
RL203	200	2.0	50	70	5.0	2.0	1.0
RL204	400	2.0	50	70	5.0	2.0	1.0
RL205	600	2.0	50	70	5.0	2.0	1.0
RL206	800	2.0	50	70	5.0	2.0	1.0
RL207	1000	2.0	50	70	5.0	2.0	1.0

## 2.5 Ampere/R-3

RL251	50	2.5	50	150	5.0	2.5	1.0
RL252	100	2.5	50	150	5.0	2.5	1.0
RL253	200	2.5	50	150	5.0	2.5	1.0
RL254	400	2.5	50	150	5.0	2.5	1.0
RL255	600	2.5	50	150	5.0	2.5	1.0
RL256	800	2.5	50	150	5.0	2.5	1.0
RL257	1000	2.5	50	150	5.0	2.5	1.0

## 3.0 Ampere/DO-201AD

1N5400	50	3.0	75	200	5.0	3.0	0.95
1N5401	100	3.0	75	200	5.0	3.0	0.95
1N5402	200	3.0	75	200	5.0	3.0	0.95
1N5404	400	3.0	75	200	5.0	3.0	0.95
1N5406	600	3.0	75	200	5.0	3.0	0.95
1N5407	800	3.0	75	200	5.0	3.0	0.95
1N5408	1000	3.0	75	200	5.0	3.0	0.95

## 6.0 Ampere/R-6

6A05	50	6.0	75	400	10	6.0	0.9
6A1	100	6.0	75	400	10	6.0	0.9
6A2	200	6.0	75	400	10	6.0	0.9
6A4	400	6.0	75	400	10	6.0	0.9
6A6	600	6.0	75	400	10	6.0	0.9
6A8	800	6.0	75	400	10	6.0	0.9
6A10	1000	6.0	75	400	10	6.0	0.9

OPERATING/STORAGE TEMPERATURE -65°C to +175°C