



SILICON RECTIFIERS

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

TYPE	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Reverse Current @ PRV @ 25°C T _A	Maximum Forward Voltage @ 25°C T _A	
	PRV	I _o @ T _A		I _{FM} (Surge)	I _R	I _{FM}	V _{FM}
	V _{PK}	A _{AV}	°C	A _{PK}	μA _{dc}	A _{PK}	V _{PK}

1.0 AMPERE/A-405

RL101	50	1.0	75	30	5.0	1.0	1.1
RL102	100	1.0	75	30	5.0	1.0	1.1
RL103	200	1.0	75	30	5.0	1.0	1.1
RL104	400	1.0	75	30	5.0	1.0	1.1
RL105	600	1.0	75	30	5.0	1.0	1.1
RL106	800	1.0	75	30	5.0	1.0	1.1
RL107	1000	1.0	75	30	5.0	1.0	1.1

NOTE: Fast recovery versions available upon request.

1.0 AMPERE/DO-41

1N4001	50	1.0	75	30	5.0	1.0	1.1
1N4002	100	1.0	75	30	5.0	1.0	1.1
1N4003	200	1.0	75	30	5.0	1.0	1.1
1N4004	400	1.0	75	30	5.0	1.0	1.1
1N4005	600	1.0	75	30	5.0	1.0	1.1
1N4006	800	1.0	75	30	5.0	1.0	1.1
1N4007	1000	1.0	75	30	5.0	1.0	1.1

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

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