

SILICON RECTIFIERS

T-01-17

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}

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

16 AMPERE/TO-220



16A05	50	16	*75	200	10	8.0	1.1
16A1	100	16	*75	200	10	8.0	1.1
16A2	200	16	*75	200	10	8.0	1.1
16A4	400	16	*75	200	10	8.0	1.1
16A6	600	16	*75	200	10	8.0	1.1

NOTE: 1. Standard Type = Common Cathode, Common Anode = Suffix "A", Doubler Connection = Suffix "D".
 2. "*" Case Temperature.

30 AMPERE/TO-3P



NSP8139	50	30	*100	250	10	15	1.2
NSP8140	100	30	*100	250	10	15	1.2
NSP8141	200	30	*100	250	10	15	1.2
NSP8142	400	30	*100	250	10	15	1.2
NSP8143	600	30	*100	250	10	15	1.2

NOTE: 1. Standard Type = Common Cathode, Common Anode = Suffix "A", Doubler Connection = Suffix "D".
 2. "*" Case Temperature.