

SILICON RECTIFIERS

T-01-19

OPERATING AND STORAGE TEMPERATURE -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}



30/40 AMPERES RECTIFIERS/TO-3

NSM8139	50	30	100	300	10	15	1.2
NSM8140	100	30	100	300	10	15	1.2
NSM8141	200	30	100	300	10	15	1.2
NSM8142	400	30	100	300	10	15	1.2
NSM8143	600	30	100	300	10	15	1.2
NSM8144	800	30	100	300	10	15	1.2
NSM9139	50	40	100	400	10	20	1.2
NSM9140	100	40	100	400	10	20	1.2
NSM9141	200	40	100	400	10	20	1.2
NSM9142	400	40	100	400	10	20	1.2
NSM9143	600	40	100	400	10	20	1.2
NSM9144	800	40	100	400	10	20	1.2

NOTE: Standard Type = Common Cathode, Common Anode = Suffix "A", Doubler Connection = Suffix "D".

GLASS PASSIVATED BRIDGE RECTIFIERS

OPERATING AND STORAGE TEMPERATURE -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 GLASS PASSIVATED/DB-1

DB101	50	1.0	40	50	10	1.0	1.1
DB102	100	1.0	40	50	10	1.0	1.1
DB103	200	1.0	40	50	10	1.0	1.1
DB104	400	1.0	40	50	10	1.0	1.1
DB105	600	1.0	40	50	10	1.0	1.1

NOTE: Surface Mount DB Bridge Also Available by adding SDB in place of DB