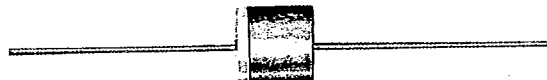


SILICON RECTIFIERS

T-01-01

OPERATING AND STORAGE TEMPERATURE -65°C to $+175^{\circ}\text{C}$

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}	AAV	$^{\circ}\text{C}$	A _{PK}	μA_{dc}	A _{PK}	V _{PK}

6.0 AMPERES/R-6 (CASE 8)

6A05	50	6.0	60	400	10	6.0	0.95
6A1	100	6.0	60	400	10	6.0	0.95
6A2	200	6.0	60	400	10	6.0	0.95
6A4	400	6.0	60	400	10	6.0	0.95
6A6	600	6.0	60	400	10	6.0	0.95
6A8	800	6.0	60	400	10	6.0	0.95
6A10	1000	6.0	60	400	10	6.0	0.95

6.0 AMPERES/RA-L (CASE 28)

RL750	50	6.0	60	400	25	6.0	0.90
RL751	100	6.0	60	400	25	6.0	0.90
RL752	200	6.0	60	400	25	6.0	0.90
RL754	400	6.0	60	400	25	6.0	0.90
RL756	600	6.0	60	400	25	6.0	0.90

8.0 AMPERES/TO-220A (CASE 9)

RL801	50	8.0	*100	200	10	8.0	1.1
RL802	100	8.0	*100	200	10	8.0	1.1
RL803	200	8.0	*100	200	10	8.0	1.1
RL804	400	8.0	*100	200	10	8.0	1.1
RL805	600	8.0	*100	200	10	8.0	1.1
RL806	800	8.0	*100	200	10	8.0	1.1

- NOTE: 1. Suffix "R" for Reverse Polarity.
 2. "*" Case Temperature Measured At Metal Tap.
 3. Operating and Storage Temperature: -65°C to $+150^{\circ}\text{C}$.

**16 AMPERES/TO-220 (CASE 10)**

RL1601	50	16	*100	200	10	8.0	1.1
RL1602	100	16	*100	200	10	8.0	1.1
RL1603	200	16	*100	200	10	8.0	1.1
RL1604	400	16	*100	200	10	8.0	1.1
RL1605	600	16	*100	200	10	8.0	1.1
RL1606	800	16	*100	200	10	8.0	1.1

- NOTE: 1. Suffix "C" = Common Cathode, "A" = Common Anode,
 2. "*" Case Temperature Measured At Metal Tap.
 3. Operating and Storage Temperature: -65°C to $+150^{\circ}\text{C}$.