

# SILICON RECTIFIERS

PLASTIC MATERIAL USED CARRIES UL 94V-0  
OPERATING AND STORAGE TEMPERATURE -65°C to +150°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 @ P <sub>RV</sub> @ 25°C T <sub>A</sub>	Maximum Forward Voltage @ 25°C T <sub>A</sub>	
	P <sub>RV</sub>	I <sub>o</sub> @ T <sub>c</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>	uAdc	A <sub>PK</sub>	V <sub>PK</sub>

## 8.0 AMPERE/D2PAK (CASE 42)



RL801S	50	8.0	100	200	10	8.0	1.1
RL802S	100	8.0	100	200	10	8.0	1.1
RL803S	200	8.0	100	200	10	8.0	1.1
RL804S	400	8.0	100	200	10	8.0	1.1
RL805S	600	8.0	100	200	10	8.0	1.1
RL806S	800	8.0	100	200	10	8.0	1.1

NOTE : Suffix " R " for Reverse Polarity.

## 16 AMPERE/D2PAK (CASE 42)



RL1601CS	50	16	100	200	10	8.0	1.1
RL1602CS	100	16	100	200	10	8.0	1.1
RL1603CS	200	16	100	200	10	8.0	1.1
RL1604CS	400	16	100	200	10	8.0	1.1
RL1605CS	600	16	100	200	10	8.0	1.1
RL1606CS	800	16	100	200	10	8.0	1.1

NOTE : Suffix " A " = Common Anode.