

# HIGH EFFICIENCY 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>		Maximum Reverse Recovery Time
	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>	T <sub>RR</sub>
	V <sub>PK</sub>	A <sub>AV</sub>	°C	A <sub>PK</sub>	µA <sub>dc</sub>	A <sub>PK</sub>	V <sub>PK</sub>	nS

## 8.0 AMPERE-HIGH EFFICIENCY/D2PAK (CASE 42)



HER801S	50	8.0	*75	200	10	8.0	1.0	50
HER802S	100	8.0	*75	200	10	8.0	1.0	50
HER803S	200	8.0	*75	200	10	8.0	1.0	50
HER804S	300	8.0	*75	200	10	8.0	1.3	50
HER805S	400	8.0	*75	200	10	8.0	1.3	50
HER805PS	400	8.0	*75	200	10	8.0	1.0	50

NOTE : 1. Suffix " R " for Reverse Polarity.  
2. " \* " Case Temperature Measured At Metal Tap.

## 16.0 AMPERE-HIGH EFFICIENCY/D2PAK (CASE 42)



HER1601CS	50	16	*75	200	10	8.0	1.0	50
HER1602CS	100	16	*75	200	10	8.0	1.0	50
HER1603CS	200	16	*75	200	10	8.0	1.0	50
HER1604CS	300	16	*75	200	10	8.0	1.3	50
HER1605CS	400	16	*75	200	10	8.0	1.3	50
HER1605PCS	400	16	*75	200	10	8.0	1.0	50

NOTE : 1. Suffix " A " Common Anode.  
2. " \* " Case Temperature Measured At Metal Tap.