



# RECTIFIERS

## High Efficiency, 2.5A



### ELECTRICAL SPECIFICATIONS

Type	PIV	Maximum Forward Voltage @		Maximum Reverse Current @		Maximum Reverse Recovery Time*
		T <sub>J</sub> = 25° C	T <sub>J</sub> = 100° C	T <sub>J</sub> = 25° C	T <sub>J</sub> = 100° C	
UES1101	50V	.975V	.895V	2μA	50μA	25nS
UES1102	100V	@ 2A	@ 2A			
UES1103	150V	t <sub>p</sub> = 300μS	t <sub>p</sub> = 300μS			

\* Measured in circuit I<sub>F</sub> = 0.5A, I<sub>R</sub> = 1A, I<sub>REC</sub> = 0.25A

## High Efficiency, 2A

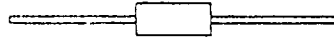


### ELECTRICAL SPECIFICATIONS

Type	PIV	Maximum Forward Voltage		Maximum Reverse Current		Maximum Reverse Recovery Time*
		T <sub>J</sub> = 25° C	T <sub>J</sub> = 100° C	@ PIV, T <sub>J</sub> = 25° C	T <sub>J</sub> = 100° C	
UES1104	200V	1.25V	1.15V	10μA	200μA	50nS
UES1105	300V	@ 1A	@ 1A			
UES1106	400V	t <sub>p</sub> = 300μS	t <sub>p</sub> = 300μS			

\* Measured in circuit I<sub>F</sub> = 0.5A, I<sub>R</sub> = 1A, I<sub>REC</sub> = 0.25A

## High Efficiency, 6A



### ELECTRICAL SPECIFICATIONS

Type	PIV	Maximum Forward Voltage @		Maximum Reverse Current @		Maximum Reverse Recovery Time*
		T <sub>J</sub> = 25° C	T <sub>J</sub> = 100° C	T <sub>J</sub> = 25° C	T <sub>J</sub> = 100° C	
UES1301	50V	.925V	.850V	5μA	150μA	30nS
UES1302	100V	@ 6A	@ 6A			
UES1303	150V	t <sub>p</sub> = 300μS	t <sub>p</sub> = 300μS			

\* Measured in circuit I<sub>F</sub> = 0.5A, I<sub>R</sub> = 1A, I<sub>REC</sub> = 0.25A

## High Efficiency, 5A



### ELECTRICAL SPECIFICATIONS

Type	PIV	Maximum Forward Voltage		Maximum Reverse Current		Maximum Reverse Recovery Time*
		T <sub>J</sub> = 25° C	T <sub>J</sub> = 100° C	@PIV, T <sub>J</sub> = 25° C	T <sub>J</sub> = 100° C	
UES1304	200V	1.25V	1.15V	20μA	500μA	50nS
UES1305	300V	@ 3A	@ 3A			
UES1306	400V	t <sub>p</sub> = 300μS	t <sub>p</sub> = 300μS			

\* Measured in circuit I<sub>F</sub> = 0.5A, I<sub>R</sub> = 1A, I<sub>REC</sub> = 0.25A