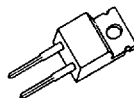


RECTIFIERS

High Efficiency, 8A TO-220AC

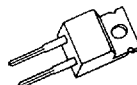


ELECTRICAL SPECIFICATIONS

* Measured in circuit $I_F = 0.5A$, $I_R = 1.0A$, $I_{REC} = 0.25A$

Type	PIV	Maximum Forward Voltage @		Maximum Reverse Current @PIV		Maximum Reverse Recovery Time*	Typical Forward Recovery Voltage @ 1A $T_r = 8ns$
		$T_J = 25^\circ C$	$T_J = 100^\circ C$	$T_J = 25^\circ C$	$T_J = 100^\circ C$		
UES1401 UES1402 UES1403 UES1404	50V 100V 150V 200V	0.9V @ 4A 0.975 @ 8A tp = 300µs	0.8V @ 4A 0.895 @ 8A	5µA	150µA 150µA 150µA 500µA	35ns	1.4V

High Efficiency, 16A TO-220AC

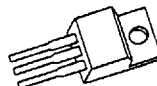


ELECTRICAL SPECIFICATIONS

* Measured in circuit $I_F = 0.5A$, $I_R = 1.0A$, $I_{REC} = 0.25A$

Type	PIV	Maximum Forward Voltage @		Maximum Reverse Current @PIV		Maximum Reverse Recovery Time*	Typical Forward Recovery Voltage @ 1A $T_r = 8ns$
		$T_J = 25^\circ C$	$T_J = 100^\circ C$	$T_J = 25^\circ C$	$T_J = 100^\circ C$		
UES1501 UES1502 UES1503 UES1504	50V 100V 150V 200V	.975V @ 16A 1.10V @ 32A	.895V @ 16A 1.0V @ 32A	10µA	800µA	35ns	2.0V

High Efficiency, 16A Center-Tap TO-220AB

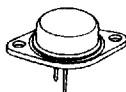


ELECTRICAL SPECIFICATIONS

* Measured in circuit $I_F = 0.5A$, $I_R = 1.0A$, $I_{REC} = 0.25A$

Type	PIV	Maximum Forward Voltage @		Maximum Reverse Current @PIV		Maximum Reverse Recovery Time*	Typical Forward Recovery Voltage @ 1A $T_r = 8ns$
		$T_J = 25^\circ C$	$T_J = 100^\circ C$	$T_J = 25^\circ C$	$T_J = 100^\circ C$		
UES2401 UES2402 UES2403 UES2404	50V 100V 150V 200V	0.9V @ 4A 0.975 @ 8A tp = 300µs	0.8V @ 4A 0.895 @ 8A	5µA	150µA 150µA 150µA 500µA	35ns	1.4V

High Efficiency, 30A Center-Tap to-3



ELECTRICAL SPECIFICATIONS, PER LEG

* Measured in circuit $I_F = 0.5A$, $I_R = 1.0A$, $I_{REC} = 0.25A$

Type	PIV	Maximum Forward Voltage @		Maximum Reverse Current @PIV		Maximum Reverse Recovery Time*
		$T_C = 25^\circ C$	$T_C = 125^\circ C$	$T_C = 25^\circ C$	$T_C = 125^\circ C$	
UES2601 UES2602 UES2603	50V 100V 150V	930V @ 15A tp = 300µs	.825V @ 15A tp = 300µs	20µs	40mA	35nS
UES2604 UES2605 UES2606	200V 300V 400V	1.25V @ 15A tp = 300µs	1.15V @ 15A tp = 300µs	50µs	10mA	50nS