

2,500 V - 10,000 V Rectifiers

1.5 A - 3.0 A Forward Current

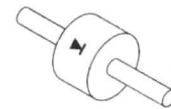
100 ns Recovery Time

NJS25UF

NJS50UF

NJS100UF

AXIAL LEADED
 EPOXY MOLDED



ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rw})	Average Rectified Current (I _o)		Reverse Current @ V _{rw} (I _r)		Forward Voltage (V _f)		1 Cycle Surge Current t _p =8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (3) (T _{rr})	Thermal Impedance θ _{J-L}		Junction Cap. @ 50VDC @ 1kHz (C _j)	
		Volts	55°C(1)	100°C(2)	25°C	100°C	25°C	Amps	25°C	25°C	25°C	L=.000	L=.250	pF
			Amps	Amps	μA	μA	Volts		Amps	Amps	Amps	ns	°C/W	
NJS25UF	2500	3.00	1.50	2.0	100	7.5	3.0	200	50	100	2	4.5	70	
NJS50UF	5000	2.20	1.10	2.0	100	10.5	2.2	150	35	100	2	4.5	50	
NJS100UF	10000	1.50	0.75	2.0	100	14.0	1.5	100	25	100	2	4.5	35	

(1)TL=55°C L=0.375" (2)TL=100°C L=0.375" (3)I_f=0.5A, I_r=1.0A, I_{rr}=0.25A *Op. Temp.= -55°C to +150°C Stg. Temp.= -55°C to +175°C

