

RJU36B1WDPK-M0

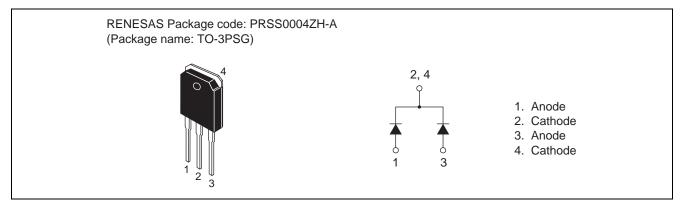
Dual Diode Ultra Fast Recovery Diode

R07DS0667EJ0100 Rev.1.00 Mar 01, 2012

Features

- Ultra fast reverse recovery time: $t_{rr} = 40$ ns typ. (at $I_F = 10$ A, di/dt = 100 A/µs)
- Low forward voltage: $V_F = 1.1 \text{ V typ.}$ (at $I_F = 10 \text{ A}$)
- Low reverse current: $I_R = 1 \mu A \text{ max.}$ (at $V_R = 360 \text{ V}$)

Outline



Absolute Maximum Ratings

 $(Ta = 25^{\circ}C)$

V _{RM}		
▼ RM	360	V
I _F ^{Note}	10/20	A
I _F ^{Note}	5/10	A
I _{FSM} ^{Note}	40/80	A
θj-cd	3.25	°C/W
Tj	150	°C
Tstg	-55 to +150	°C
	IF I _F ^{Note} I _{FSM} ^{Note} θj-cd Tj	IF 10/20 IF 5/10 IFSM 40/80 θj-cd 3.25 Tj 150

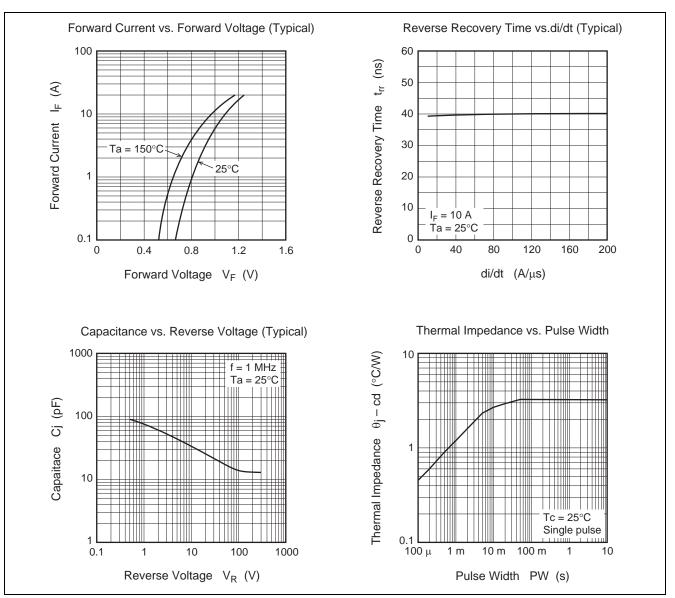
Note: Per leg/device

Electrical Characteristics

$(Ta = 25^{\circ}C)$							
Item	Symbol	Min	Тур	Max	Unit	Test conditions	
Forward voltage	V _F	_	1.1	1.5	V	I _F = 10 A	
Reverse current	I _R	_	_	1	μΑ	V _R = 360 V	
Reverse recovery time	t _{rr}		40	_	ns	I _F = 10 A, di/dt = 100 A/μs	

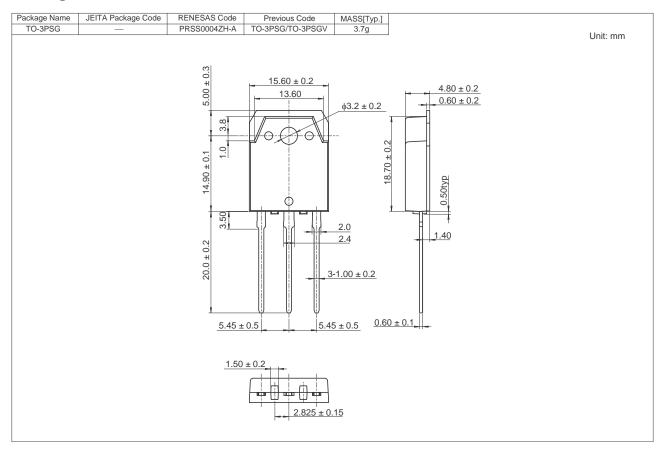


Main Characteristics





Package Dimensions



Ordering Information

Orderable Part No.	Quantity	Shipping Container		
RJU36B1WDPK-M0#T0	360 pcs	Box (Tube)		



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