

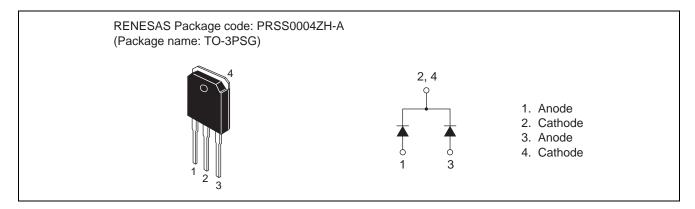
RJU36B1WDPK-M0

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/ μ s)
- 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

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

Item		Symbol	Ratings	Unit	
Maximum reverse voltage		V_{RM}	360	V	
Continuous forward current	Tc = 25°C	I _F Note	10/20	Α	
	Tc = 100°C	I _F Note	5/10	Α	
Peak surge forward current	•	I _{FSM} Note	40/80	Α	
Junction to case thermal resis	tance	θj-cd	3.25	°C/W	
Junction temperature		Tj	150	°C	
Storage temperature		Tstg	-55 to +150	°C	

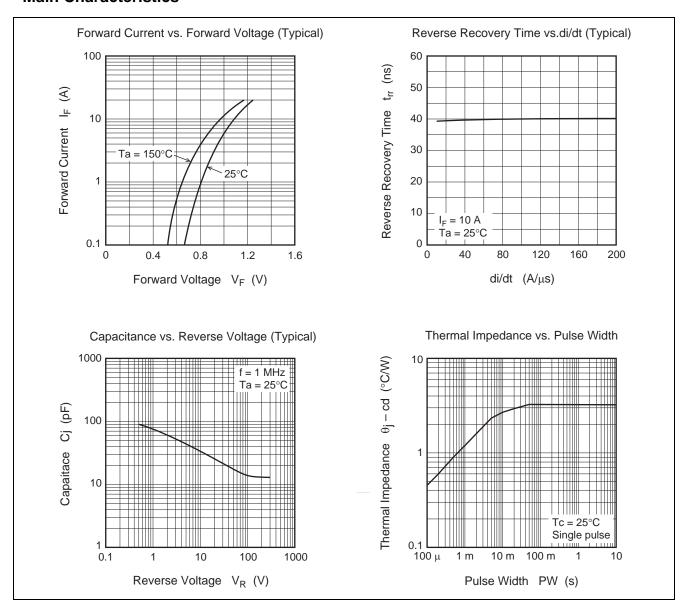
Note: Per leg/device

Electrical Characteristics

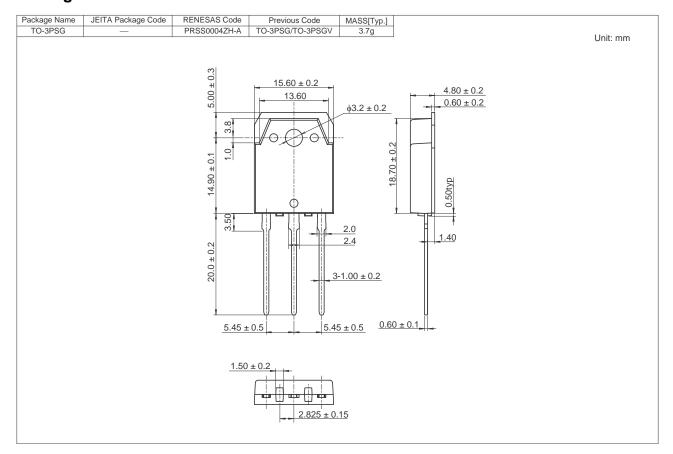
 $(Ta = 25^{\circ}C)$

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	$I_F = 10 \text{ A}, \text{ di/dt} = 100 \text{ A/}\mu\text{s}$

Main Characteristics



Package Dimensions



Ordering Information

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

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