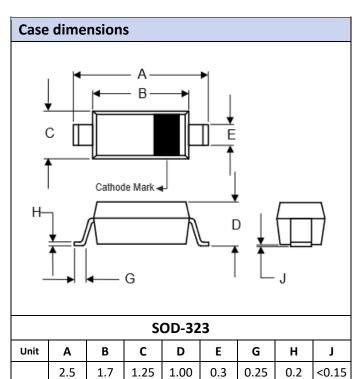


Silicon Epitaxial Planar Schottky Barrier Diode

Primary characteristics				
Parameter	Value	Unit		
Peak reverse voltage	40	V		
Rectifying current	30	mA		

Features

- **SOD-323** case for easy automatic insertion.
- Pb-free and RoHS compliant
- Low reverse current and low forward voltage
- High reliability
- High speed switching



±0.10

-0.2

+0.15

-0.05

+0.1

-0.15

+0.2

-0.1

+0.05

Absolute maximum ratings				
Parameter	Symbol	Value	Unit	
Peak reverse voltage	Vrm	40	V	
Continuous reverse voltage	VR	30	V	
Rectifying current	lo	30	mA	
Peak forward surge current (60Hz for 1 cyc.)	I _{FSM}	200	mA	
Storage and junction temperature range	T _{stg} , T _j	-40 ~ 125	°C	

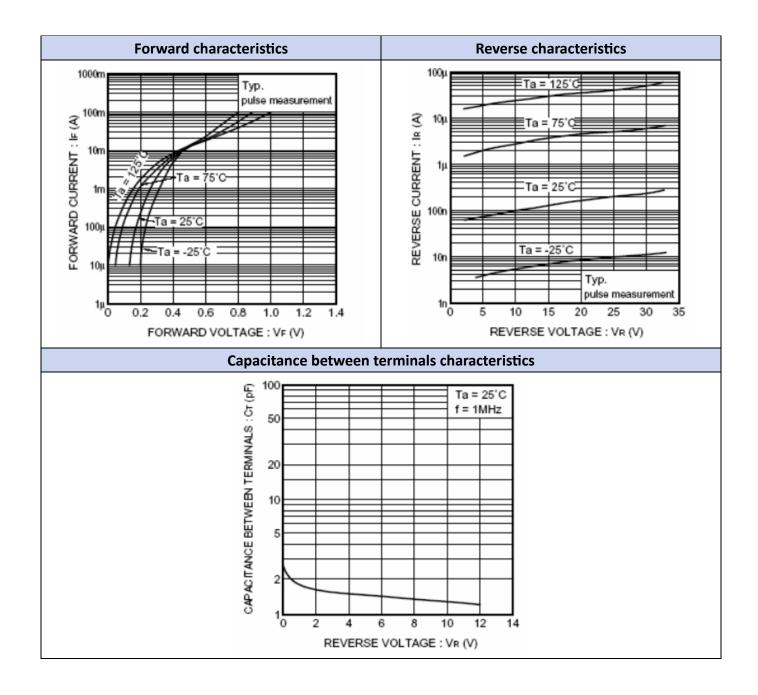
Electrical and thermal characteristics (T _j =25°C)						
Parameter	Symbol	Test conditions	Value			l l mit
			Min.	Тур.	Max.	Unit
Forward voltage	VF	I⊧=1.0mA	-	-	0.37	V
Reverse current	IR	V _R =30V	-	-	500	nA
Capacitance between terminals	Ст	V _R =1.0V, f=1.0MHz	-	2.0	-	pF
Note: ESD sensitive product handling required	•		•		•	

mm

±0.2

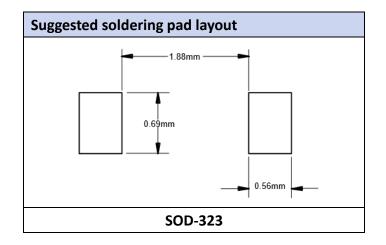
±0.1







Ordering information				
Part Number	Package	Shipping Quantity	Dimensions	
RB751V-40	SOD-323	3000 pcs / reel		



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