1000V 1A SOD-123FL

Surface Mount General Purpose Silicon Rectifiers Reverse Voltage 1000V Forward Current 1A SOD-123FL thin package.

, RoHS 2011/65/EU AEC-Q101

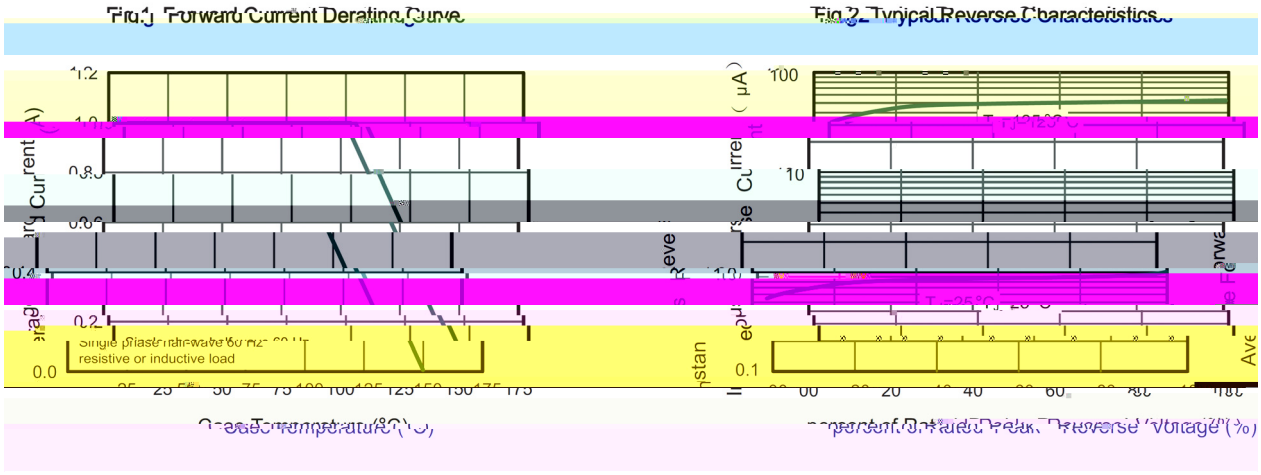
Glass Passivated Chip Junction Ideal for automated placement Lead free in comply with EU RoHS 2011/65/EU directives For surface mounted applications, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

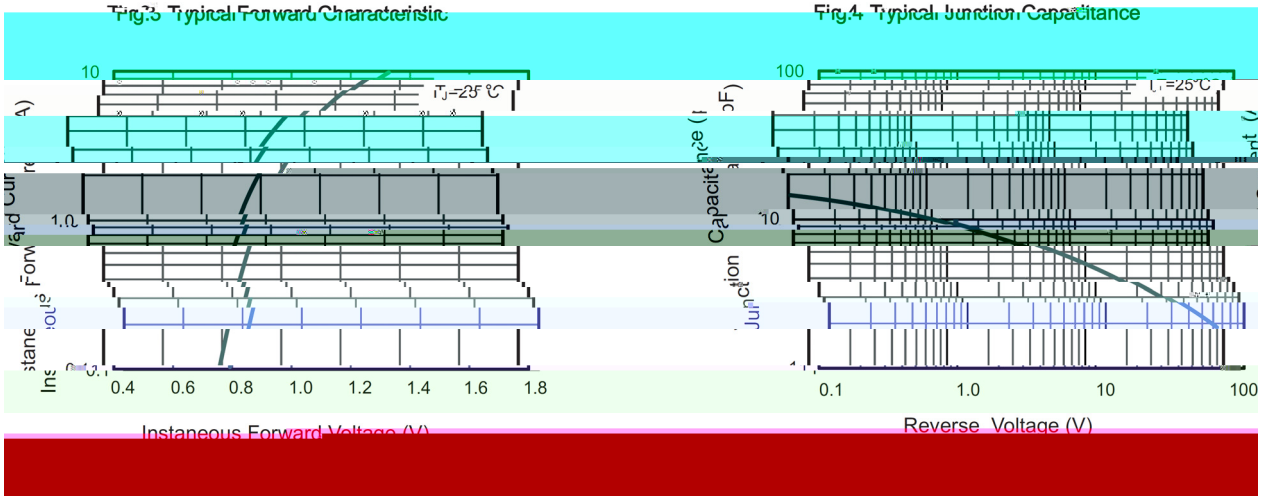
General purpose, Meet the stringent requirements of automotive applications.

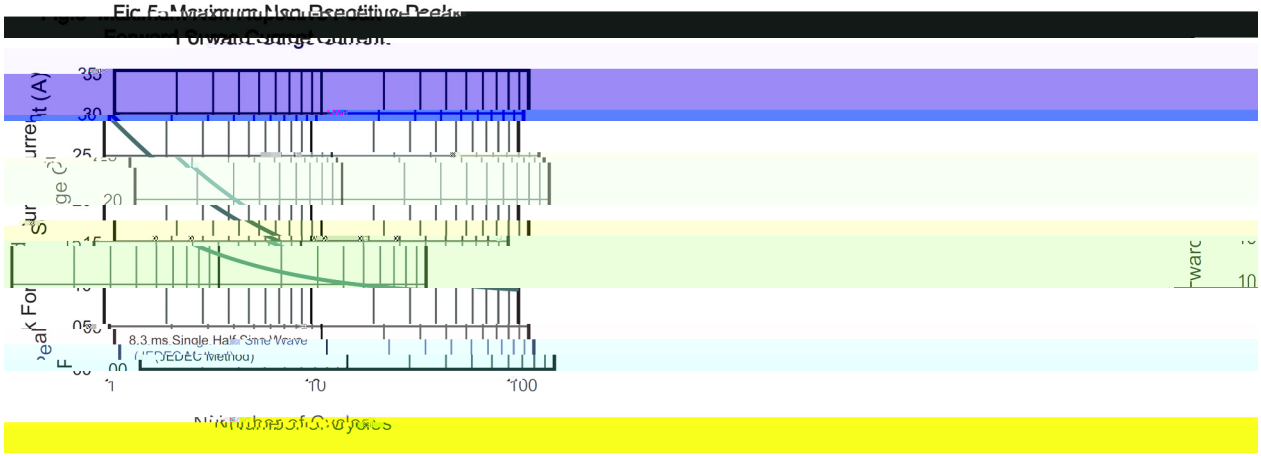


Parameter	Symbol	Rating	Unit
		BR1N4007WQ	
Maximum Receverse Voltag0082e	V_{RRM}		

/ Electrical Characteristic Curve

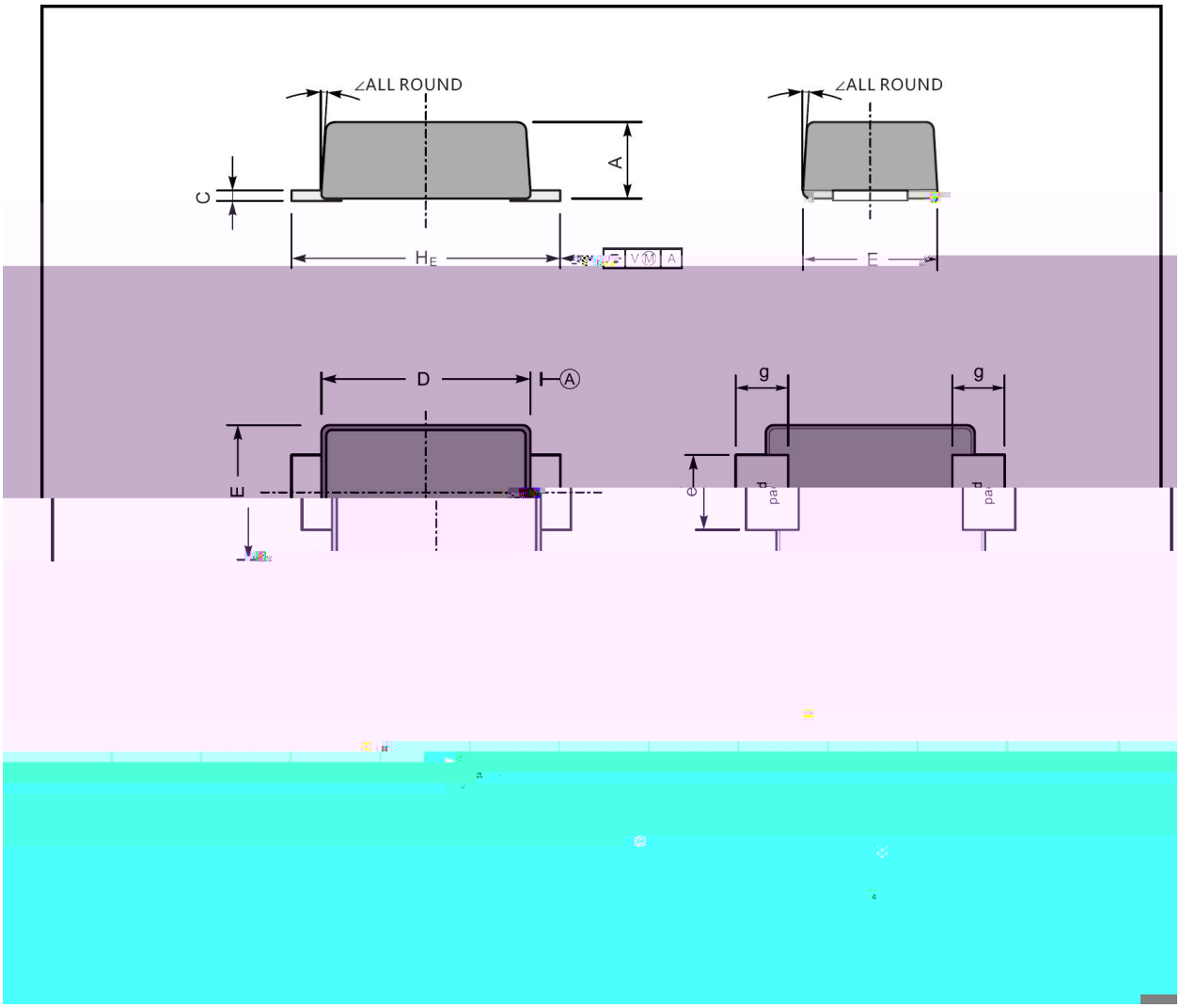




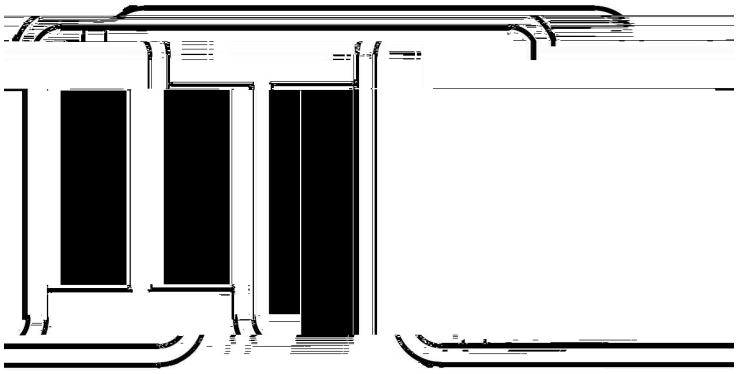


/ Package Dimensions

SOD-123FL



/ Marking Instructions

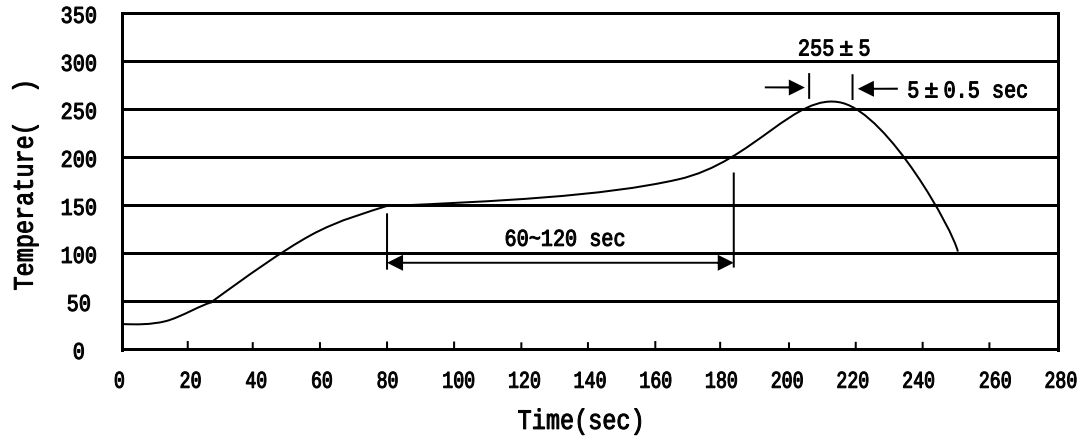


S1M
****

Note:

S1M	Product Type Code
****	Lot No. Code, code change with Lot No

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

1		150	200		60	120sec;	1.Preheating:150~200 , Time:60~120sec.
2		255±5				5±0.5sec;	2.Peak Temp.:255±5 , Duration:5±0.5sec.
3				2	10	/sec.	3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5	10±1 sec.	Temp.:260±5	Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension		(unit mm³)
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box
SOD-123FL	3,000	8	24,000	6	144,000	7 ×8	185×180×105	390×385×205

/ Notices