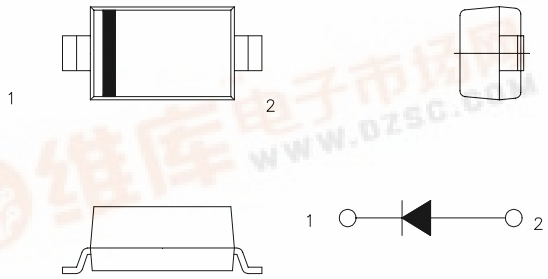
查询EP05FA20供应商 捷多邦，专业PCB打样工厂，24小时加急出货

Nihon Inter Electronics Corporation

FRD Type : EP05FA20

OUTLINE DRAWING



FEATURES

* JEDEC SOD-123 Package
* Ultra-Fast Recovery
* Very Low Profile 1.1mm Max
* High Surge Capability
* Low Thermal Resistance
* Packaged in 8mm Tape and Reel

Maximum Ratings

Approx Net Weight:0.011g

Rating	Symbol	EP05FA20			Unit
Repetitive Peak Reverse Voltage	V_{RRM}	200			V
Non-repetitive Peak Reverse Voltage	V_{RSM}	220			V
Average Rectified Output Current	I_O	0.45	Ta=25 ℃ *	50Hz Half Sine Wave Resistive Load	A
		0.5	Tl=115 ℃		
RMS Forward Current	$I_{F(RMS)}$	0.785			A
Surge Forward Current	I_{FSM}	8	50Hz Half Sine Wave,1cycle Non-repetitive		A
Operating JunctionTemperature Range	T_{jw}	-40 to +150			℃
Storage Temperature Range	T_{stg}	-40 to +150			℃

Electrical • Thermal Characteristics

Characteristics	Symbol	Conditions	Min.	Typ.	Max.	Unit
Peak Reverse Current	I_{RM}	Tj= 25℃, V_{RM}= V_{RRM}	-	-	10	μA
Peak Forward Voltage	V_{FM}	Tj= 25℃, I_{FM}= 1.0A	-	-	0.95	V
Revere Recovery Time	trr	I_{FM}=1A,-di/dt=50A/μs,Ta=25℃	-	-	30	ns
Thermal Resistance	$Rth_{(j-a)}$	Junction to Ambient *	-	-	300	℃ /W
	$Rth_{(j-l)}$	Junction to Lead	-	-	70	

* Glass Epoxy Substrate Mounted Soldering Lands=1x1mm,Both Sides

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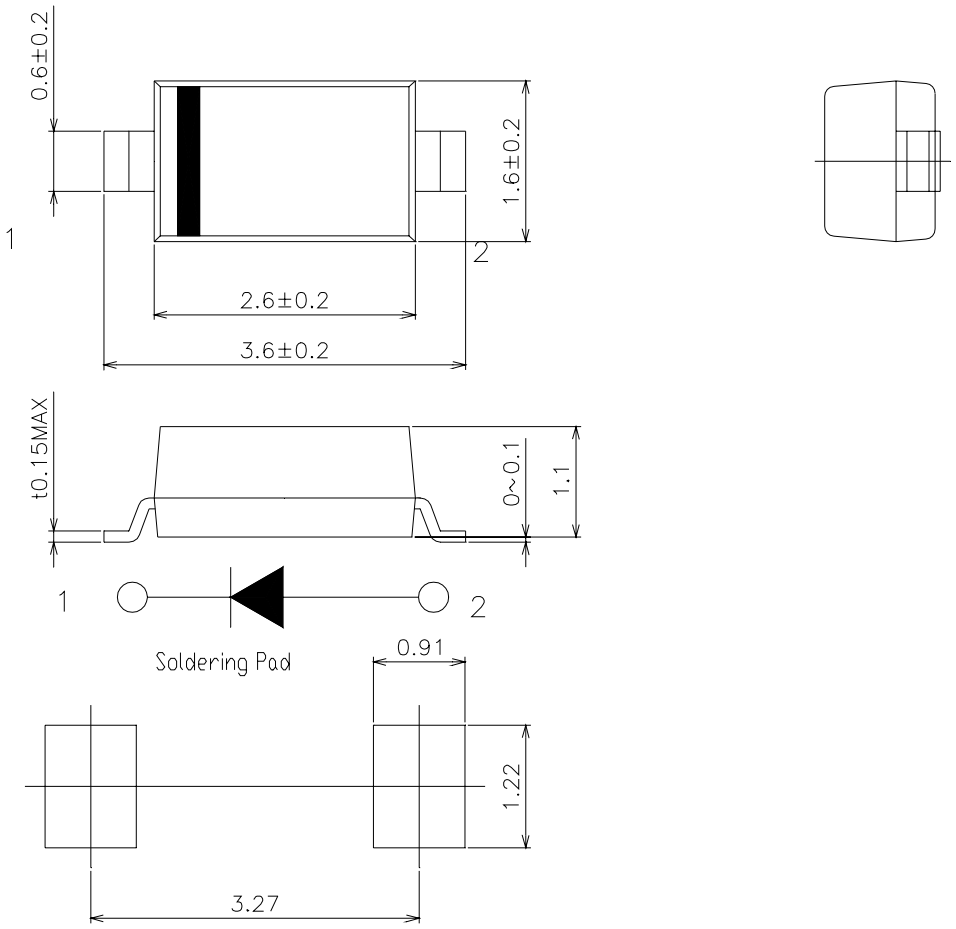
EP05FA20 OUTLINE DRAWING (Dimensions in mm)