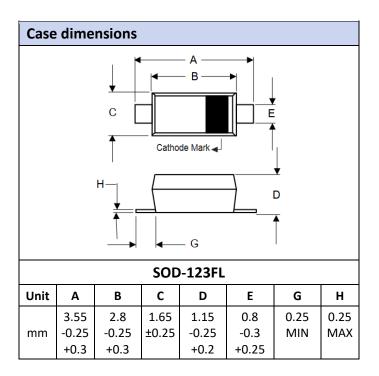


SMD Schottky Barrier Rectifier Diode

Primary characteristics					
Parameter	Value	Unit			
Maximum repetitive peak reverse voltage	20 ~ 200	V			
Maximum average forward rectified current	2.0	А			

Features

- SOD-123FL case for easy automatic insertion
- Pb-free and RoHS compliant
- Low power loss, high efficiency
- High current capability, low V_F
- Metal to silicon rectifier, majority carrier conduction
- Glass passivated
- For use in low voltage, high frequency inverters free wheeling, and polarity protection applications



Absolute maximum	Absolute maximum ratings and general electrical characteristics (T _a = 25°C)											
Parameter		Symbol	Value							Unit		
		Symbol	DSK22	DSK23	DSK24	DSK25	DSK26	DSK28	DSK210	DSK215	DSK220	Unit
Maximum repetitive peak reverse voltage		V_{RRM}	20	30	40	50	60	80	100	150	200	.,
Maximum RMS voltage		V _{RMS}	14	21	28	35	42	56	70	100	125	V
Maximum DC blocking voltage		V_{DC}	20	30	40	50	60	80	100	150	200	
Maximum average forw rectified current	ard	I _{F(AV)} 2.0		2.0								
Peak forward surge current 8.3mS single half sine wave superimposed on rated load (JEDEC method)		lfsm	60						А			
Maximum forward volta	age @2.0A	V _F	0.45	0.5	0.55	0.	.7	0.	85	0.92	0.95	V
Maximum DC reverse	T _a =25°C				•	•		1.0				
current at rated DC blocking voltage	T _a =100°C	I _R	20						mA			
Typical junction capacitance		CJ	200						pF			
Typical thermal resistance		R _{eJL}	15						°C/W			
Operating junction and storage temperature range		T _j , T _{STG}	-55 ~ 150					°C				

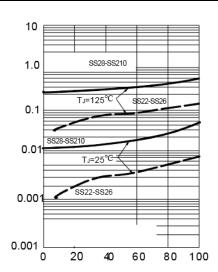


DSK22 - DSK220 Series

Peak forward surge current Typical forward characteristics OR SUNDAN BER OF CYCLES AT 60Hz Typical forward characteristics OR SUNDAN BER OF CYCLES AT 60Hz INSTANTANEOUS FORWARD VOLTAGE, VOLTS

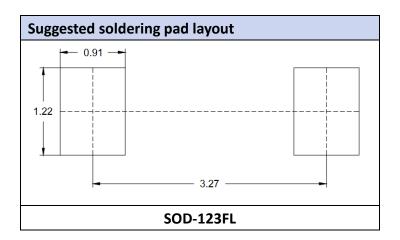
Typical reverse characteristics

INSTANTANEOUS REVERSE CURRENT, MICRO AMPERES



PERCENT OF RATED PEAK REVERSE VOLTAGE, %





Ordering information						
Part Number	Package	Shipping Quantity	Dimensions			
DSK22 ~ DSK220	SOD-123FL	3 000 pcs / reel				

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