

FEATURES

- Extremelysmall surface mounting type. (SOD882)
- Low IR
- High reliability.

DFN-1006



APPLICATIONS

- Low current rectification and high speed switching



Marking:F

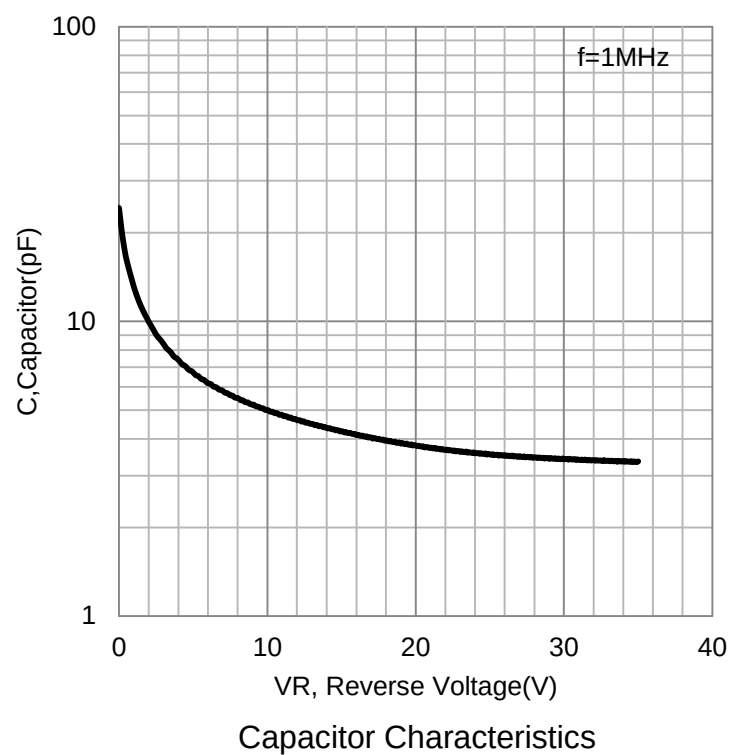
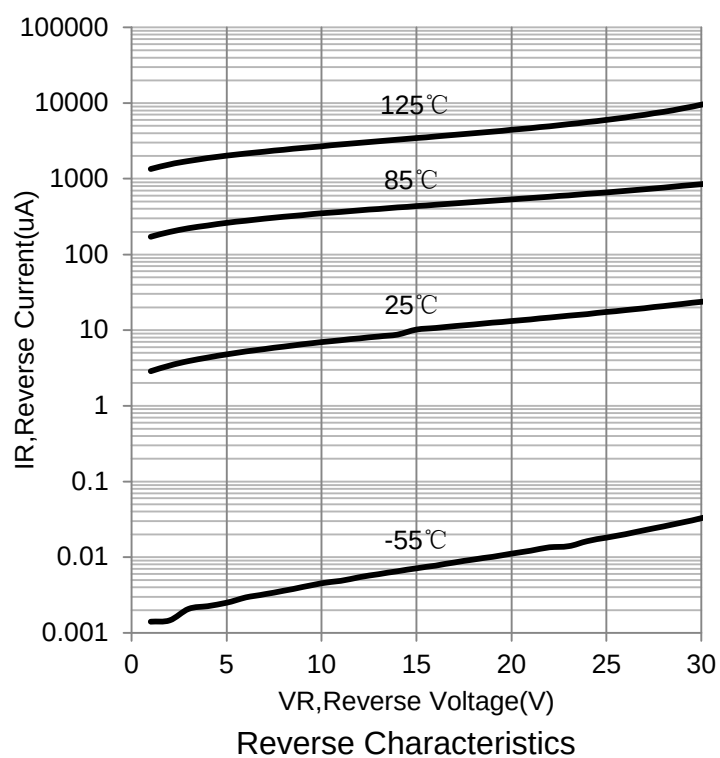
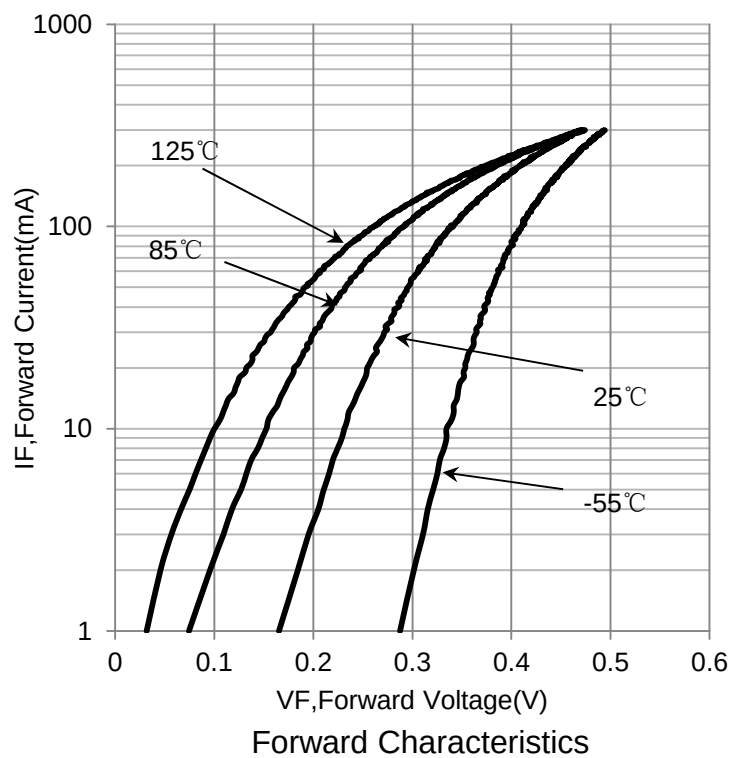
MAXIMUM RATINGS(Ta = 25°C)

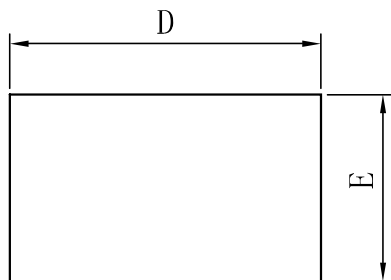
Parameter	Symbol	Limits	Unit
Reverse voltage (DC)	VR	30	V
Average rectifierd forward current	IO	200	mA
Forward current surge peak (60Hz · 1cyc)	IFSM	500	
Maximum Power Dissipation	PD	200	mW
Thermal Resistance, Junction to Ambient	RθJA	500	°C/W
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-55~+125	

ELECTRICAL CHARACTERISTICS (Ta= 25°C)

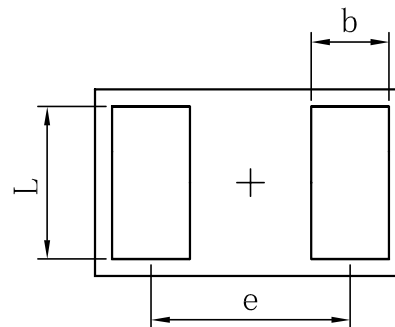
Characteristic	Symbol	Min.	Typ.	Max.	Unit
Forward voltage (IF =200mA)	VF	-	-	0.5	V
(IF =100mA)		-	-	0.4	
(IF =20mA)		-	-	0.38	
(IF =10mA)		-	-	0.35	
Reverse current (VR =10V)	IR	-	-	30	μA

Typical Characteristics

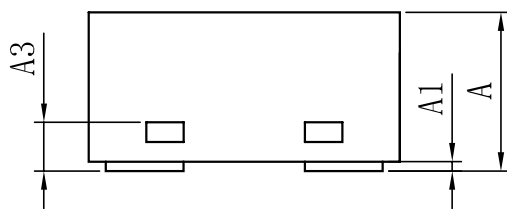


DFN-1006 package outline Dimensions


TOP VIEW



BOTTOM VIEW



SIDE VIEW

All Dimensions in mm			
Dim	Min	Typ.	Max
D	0.95	1.00	1.05
E	0.55	0.60	0.65
e	-	0.64	-
L	0.44	0.49	0.54
b	0.20	0.25	0.30
A	0.43	0.48	0.53
A1	0	-	0.05
A3	0.127REF.		