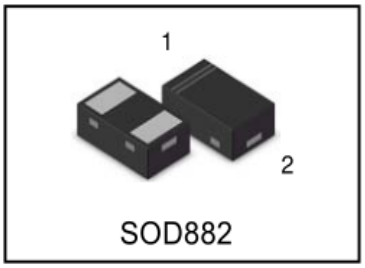
SCHOTTKY BARRIER DIODE





1. FEATURES

- Extremelysmall surface mounting type. (SOD882).
- Low VF.
- High reliability.
- We declare that the material of product compliance with RoHS requirements and Halogen Free.
- S- prefix for automotive and other applications requiring unique site and control change requirements; qualified and PPAP capable.

2. Applications

- Low current rectification.

3. DEVICE MARKING AND ORDERING INFORMATION

Device	Marking	Shipping
ASD02D40T	F	10000/Tape&Reel

4. MAXIMUM RATINGS(Ta = 25ºC)

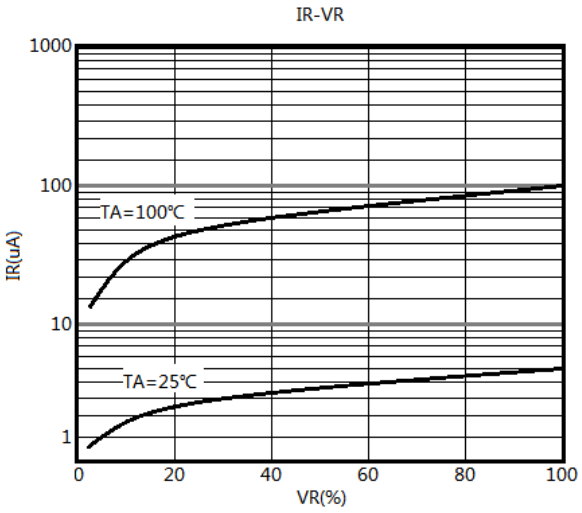
Parameter	Symbol	Limits	Unit
Reverse voltage (DC)	VR	40	V
Average rectifierd forward current	IO	200	mA
Forward current surge peak （60Hz・1cyc）	IFSM	500	
Junction temperature	Tj	125	℃
Storage temperature	Tstg	-40~+125	

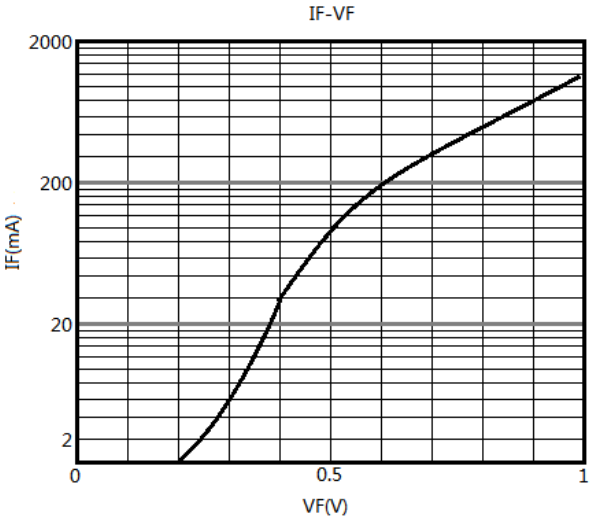
5. ELECTRICAL CHARACTERISTICS (Ta= 25ºC)

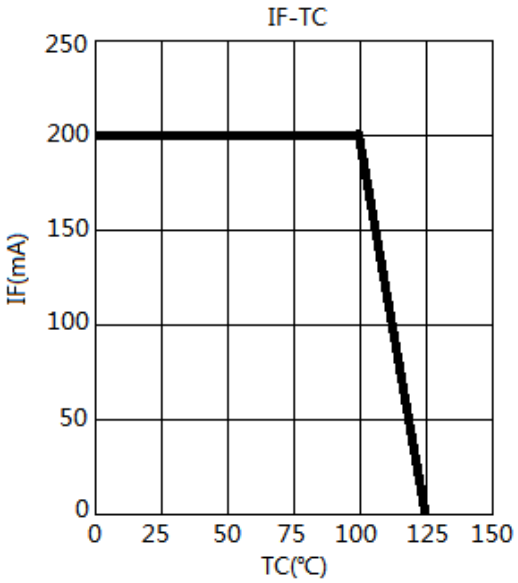
Characteristic	Symbol	Min.	Typ.	Max.	Unit
Forward voltage (IF =20mA) (IF =10mA)	VF	 - -	 - -	 0.40 0.35	V
Reverse current (VR =10V)	IR	 -	 -	 10	μA

SCHOTTKY BARRIER DIODE

Electrical Characteristic Curve

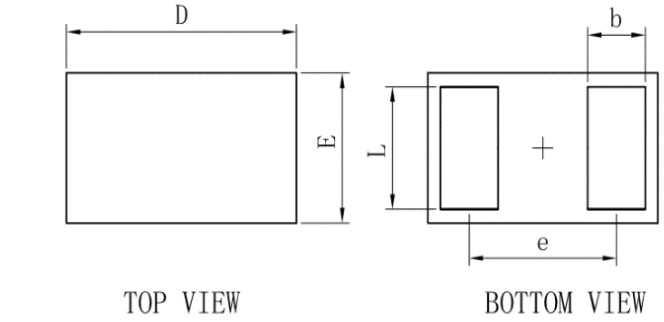


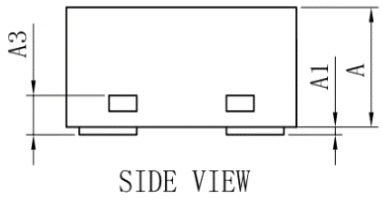




SCHOTTKY BARRIER DIODE

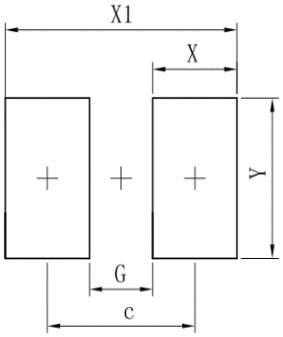
OUTLINE AND DIMENSIONS





SOD882			
Dim	Min	Typ.	Max
D	0.95	1.00	1.05
E	0.50	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.		
All Dimensions in mm			

SOLDERING FOOTPRINT



Dimensions	(mm)
c	0.70
G	0.30
X	0.40
X1	1.10
Y	0.70