

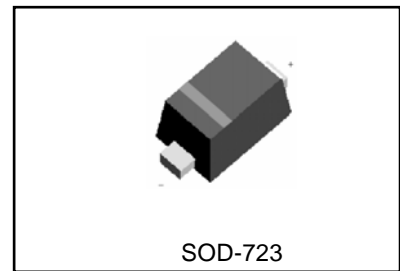


●Applications

General rectification

●Features

- 1) Small power mold type.
(SOD-723)
- 2) Low V_f
- 3) High reliability



SOD-723

●Construction

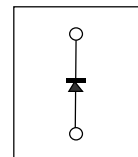
Silicon epitaxial planar

We declare that the material of product compliance with RoHS requirements.

Pb-Free package is available

RoHS product for packing code suffix "G"

Halogen free product for packing code suffix "H"



●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V_{RM}	40	V
Reverse voltage (DC)	V_R	30	V
Average rectified forward current	I_o	30	mA
Forward current surge peak (60Hz·1cyc)	I_{FSM}	200	mA
Junction temperature	T_j	125	°C
Storage temperature	T_{stg}	-40 to +125	°C

●Electrical characteristic (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F	-	-	0.37	V	$I_F=1mA$
Reverse current	I_R	-	-	0.5	μA	$V_R=30V$
Capacitance between terminals	C_t	-	2	-	pF	$V_R=1V, f=1MHz$

●DEVICE MARKING

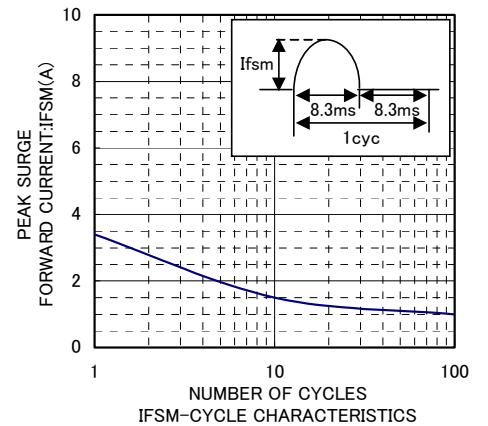
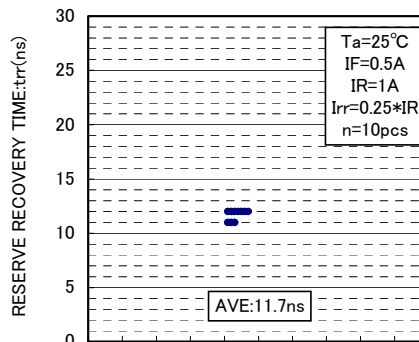
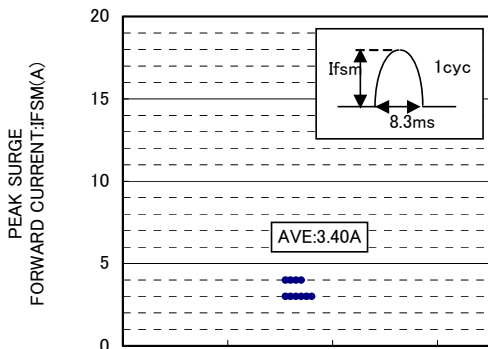
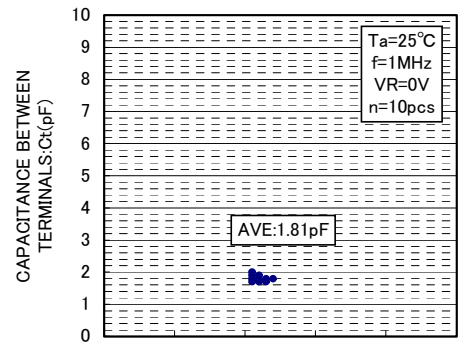
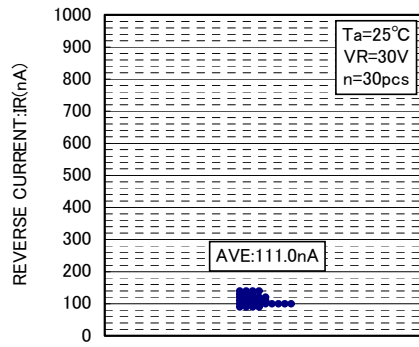
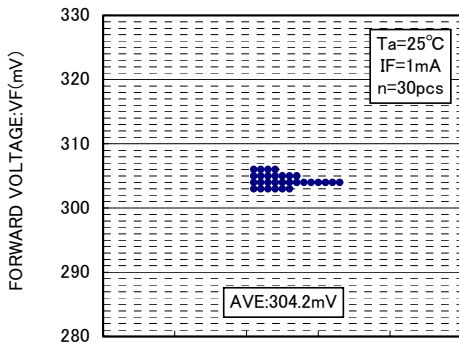
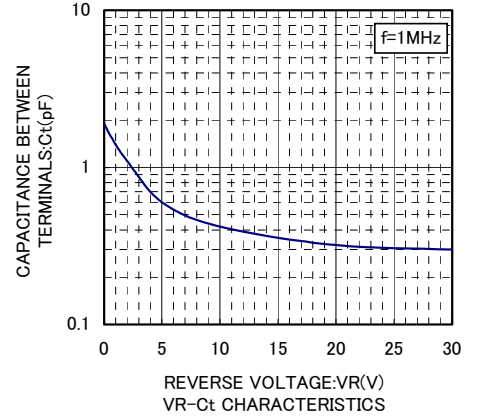
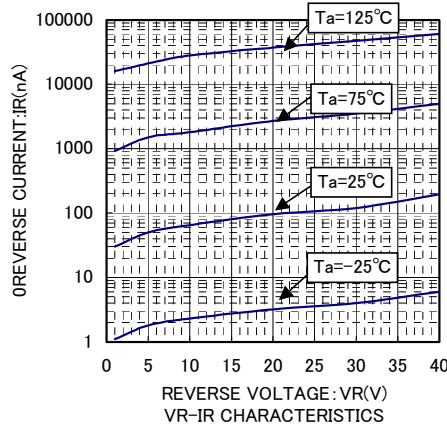
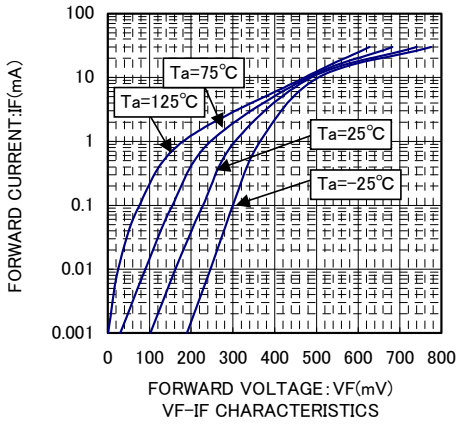
Device	Marking
SCS751G	5



30mA Surface Mount Schottky Barrier Rectifiers-40V SOD-723 Package

SCS751G

Electrical characteristic curves (Ta=25°C)

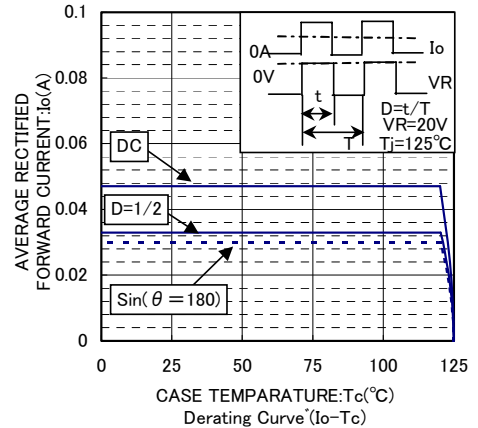
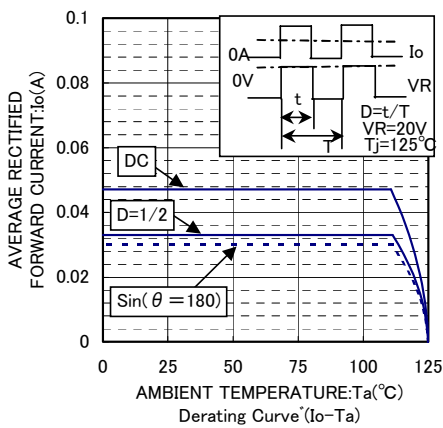
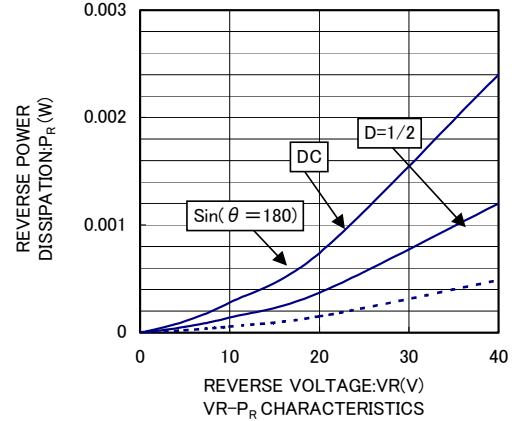
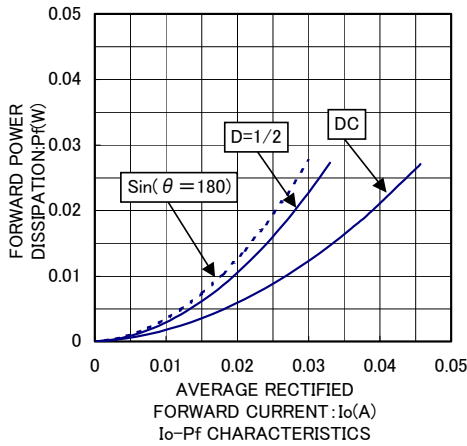
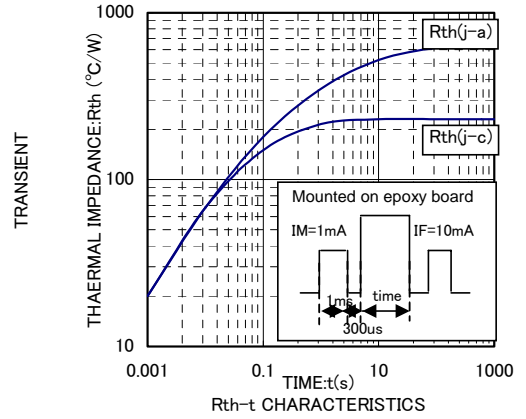
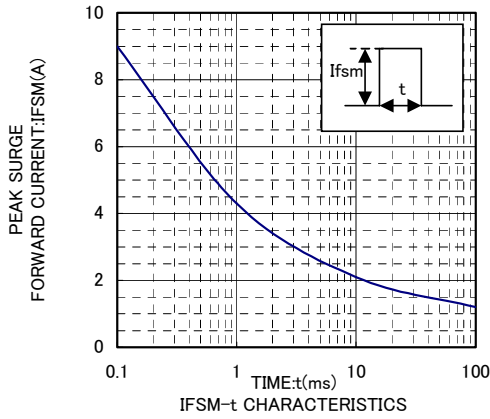




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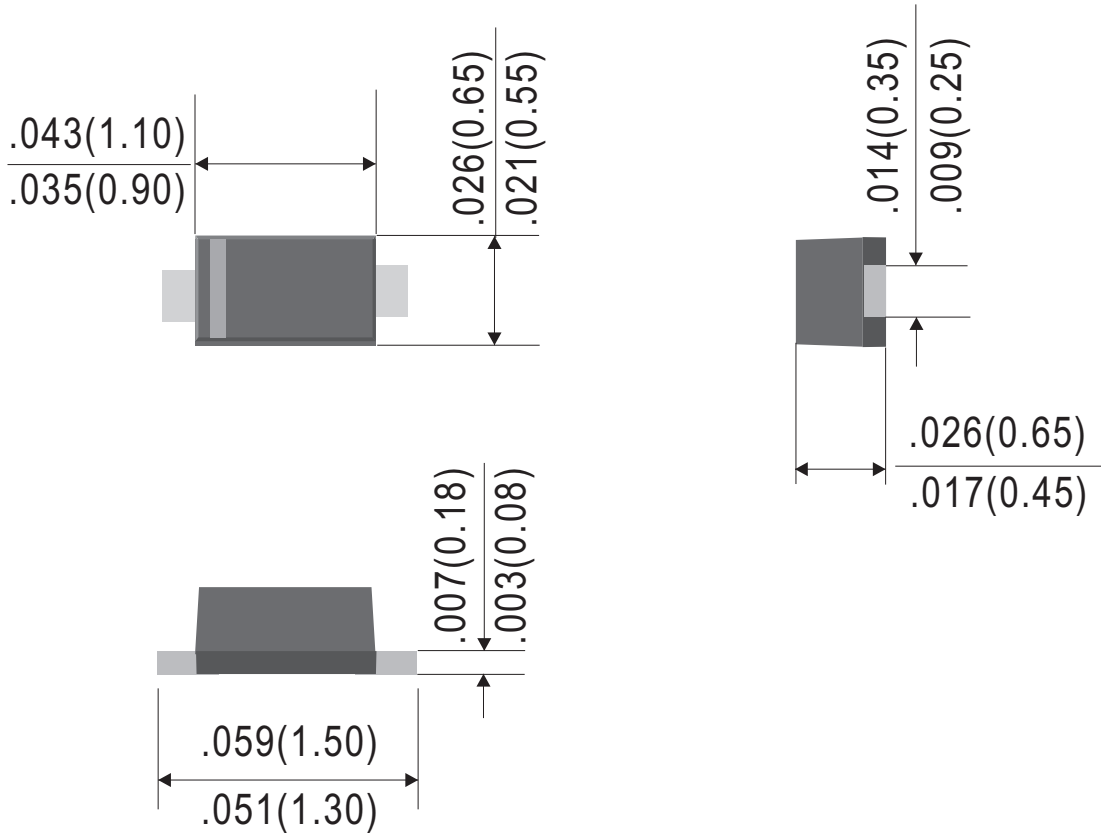
SCS751G

Electrical characteristic curves (Ta=25°C)





SOD-723



SOLDERING FOOTPRINT*

