

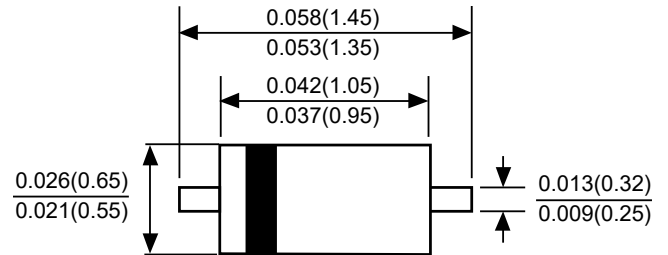


FEATURES

- Ultra Small mold type
- Low I_R
- High Reliability
- Band Indicates Cathode

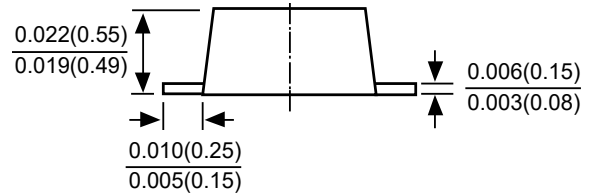
SOD-723FL

Unit:inch(mm)



Ordering Information

Device	Marking	Shipping
RB520G-30	E	4000 / Tape & Reel



Maximum Ratings (TA=25°C unless otherwise noted)

Parameter	Symbol	Value	Unit
Reverse voltage (DC)	V_R	30	V
Average rectified forward current	I_O	100	mA
Forward current surge peak (60Hz · 1cyc)	I_{FSM}	500	mA
Junction temperature	T_J	125	°C
Storage temperature range	T_{STG}	-40 to +125	°C

Electrical Characteristics (TA=25°C unless otherwise noted)

Parameter	Test Condition	Symbol	Limits		Unit
			Min.	Max.	
Forward voltage	$I_F=10mA$	V_F	-	0.45	V
Reverse current	$V_R=10V$	I_R	-	0.5	uA

DEVICE CHARACTERISTICS

RB520G-30

FIG. 1- I_F vs V_F

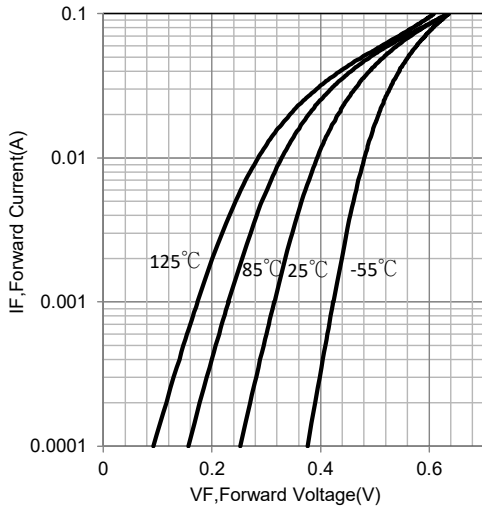


FIG. 2- I_R vs V_R

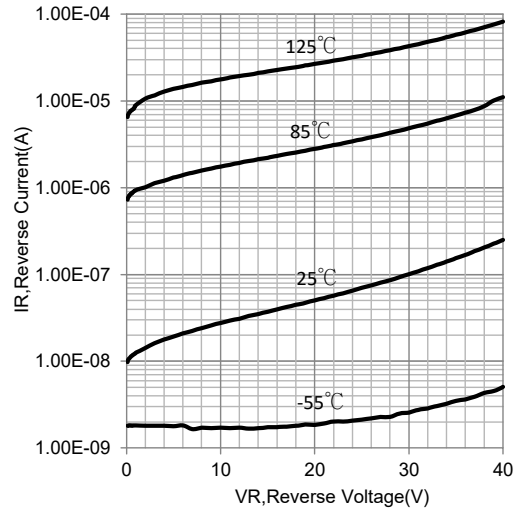
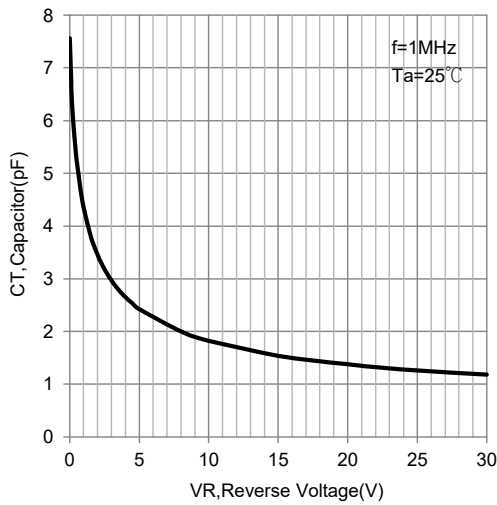


FIG. 3- C_T vs. V_R



SOLDERING FOOTPRINT

