

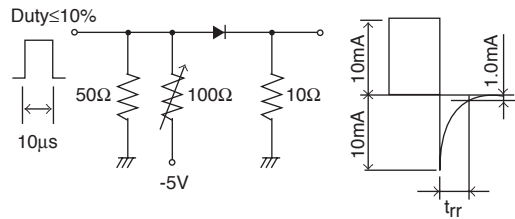
SB01-05C

Electrical Characteristics at Ta=25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Reverse Voltage	V_R	$I_R=50\mu A, T_j=25^{\circ}C$	50			V
Forward Voltage	V_F	$I_F=100mA, T_j=25^{\circ}C$			0.55	V
Reverse Current	I_R	$V_R=25V, T_j=25^{\circ}C$			15	μA
Interterminal Capacitance	C	$V_R=10V, f=1MHz$		4.4		pF
Reverse Recovery Time	t_{rr}	$I_F=I_R=10mA$, See specified Test Circuit.			10	ns
Thermal Resistance	Rthj-a(1)			560		$^{\circ}C / W$
	Rthj-a(2)	Mounted in Cu-foiled area of $16mm^2 \times 0.2mm$ on glass epoxy board		410		$^{\circ}C / W$

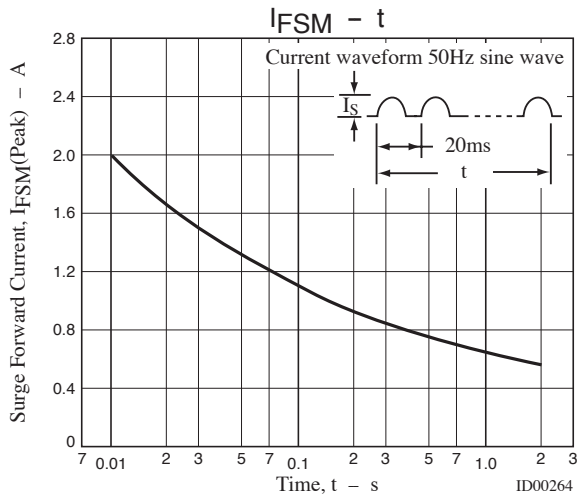
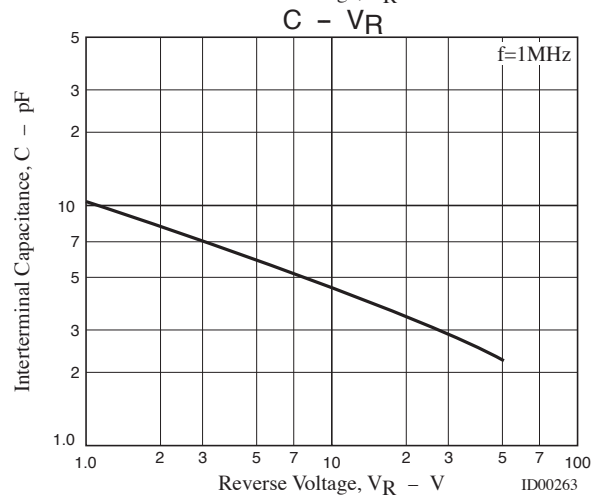
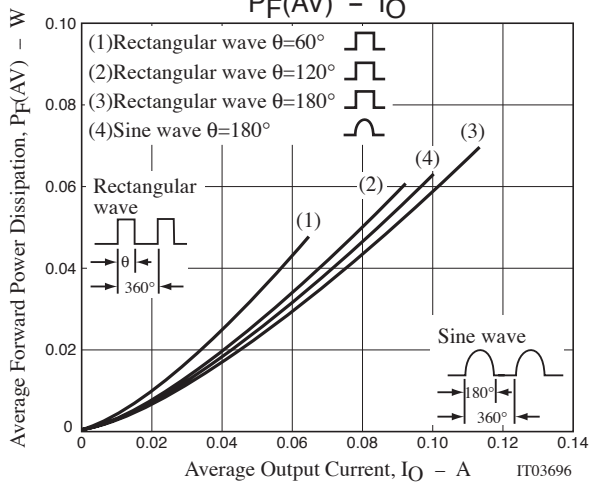
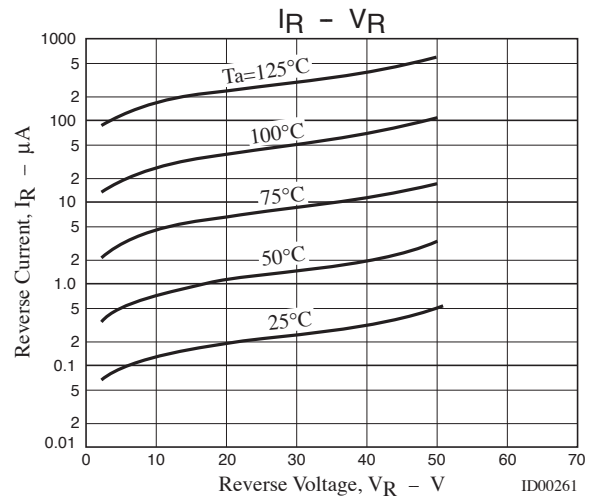
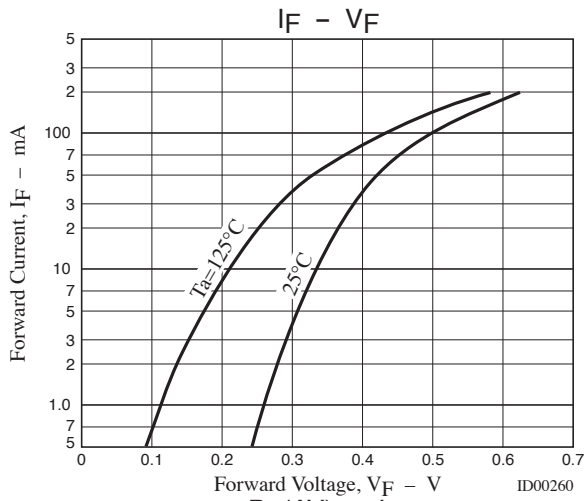
Product parametric performance is indicated in the Electrical Characteristics for the listed test conditions, unless otherwise noted. Product performance may not be indicated by the Electrical Characteristics if operated under different conditions.

t_{rr} Test Circuit

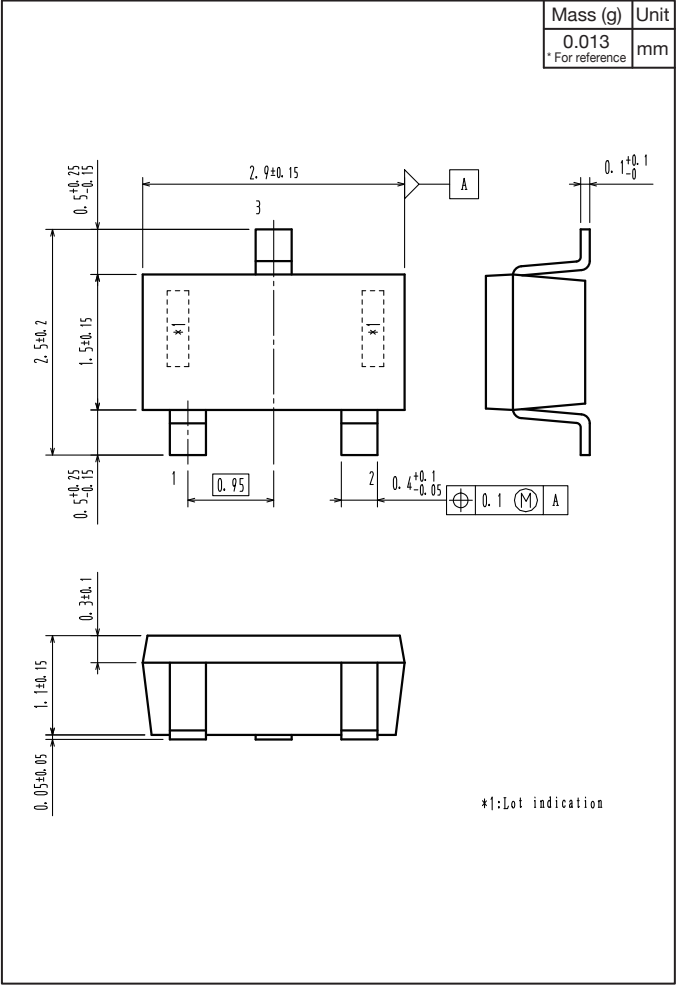


Ordering Information

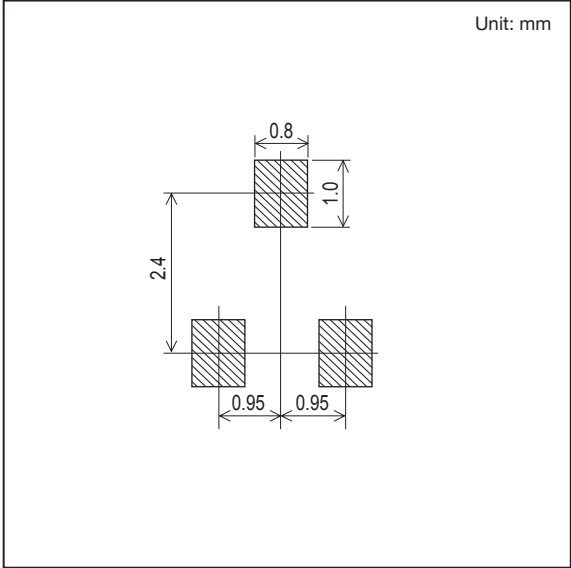
Device	Package	Shipping	memo
SB01-05C-TB-E	CP	3,000pcs./reel	Pb Free



Outline Drawing
SB01-05C-TB-E



Land Pattern Example



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