

No.2191A

SB0030-01A

Schottky Barrier Diode

10V, 30mA Detection Applications

Features

- · Glass sleeve structure
- · Detection efficiency: 70%
- · Small size (Half the size of the DO-35 heretofore in use)

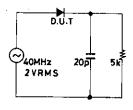
Absolute Maximum Ratings at Ta = 25°C

		unit	
Reverse Voltage	V_R	-10	V
Average Rectified Current	I_{O}	30	mÅ
Junction Temperature	$\mathbf{T}\mathbf{j}$	100	°C
Storage Temperature	\mathbf{Tstg}	-55 to +100	°Č

Electrical Characteristics at Ta = 25°C

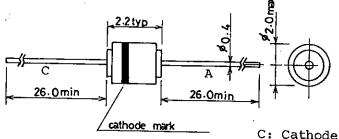
oom tour characteristics at 1a=20 C			min	tvo	max	unit
Forward Current	$I_{\mathbf{r}}$	$V_{\rm E} = 1.0 V$		°J P	mun	
Reverse Current	T		4.5			mA
	IR	$V_R = -6V$			-70	μA
Capacitance	C	$V_R = -1V_f = 1MHz$			1.5	ρF
Detection Efficiency	n	f = 40MHz	70		1.0	
	-1	r – rominio	70			%

Detection Efficiency Circuit



Unit (resistance: Ω , capacitance: F)

Package Dimensions 1153A (unit: mm)



- C: Cathode
 A: Anode
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