

SANYO

No.2198A

SB0015-03A

Schottky Barrier Diode

30V, 15mA Detection Applications

Features

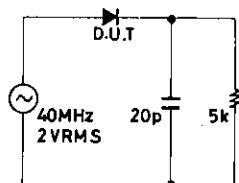
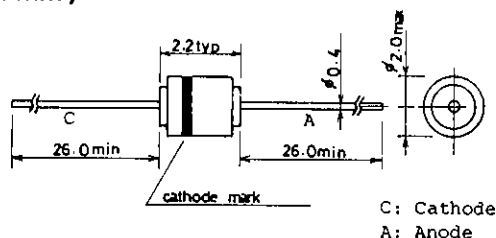
- Glass sleeve structure
- Detection efficiency : 70%
- Small size (Half the size of the DO-35 heretofore in use)

Absolute Maximum Ratings at $T_a = 25^\circ\text{C}$

			unit
Reverse Voltage	V_R	-30	V
Average Rectified Current	I_o	15	mA
Junction Temperature	T_j	100	$^\circ\text{C}$
Storage Temperature	T_{stg}	-55 to +100	$^\circ\text{C}$

Electrical Characteristics at $T_a = 25^\circ\text{C}$

			min	typ	max	unit
Forward Current	I_F	$V_F = 1.0\text{V}$	3.0			mA
Reverse Current	I_R	$V_R = -10\text{V}$			-100	μA
Capacitance	C	$V_R = -1\text{V}, f = 1\text{MHz}$			3.0	pF
Detection Efficiency	η	$f = 40\text{MHz}$	70			%

Detection Efficiency CircuitUnit (resistance: Ω , capacitance: F)**Package Dimensions 1153A**
(unit: mm)

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