TOSHIBA DIODE SILICON EPITAXIAL PLANAR TYPE

155312

VHF TUNER BAND SWITCH APPLICATIONS.

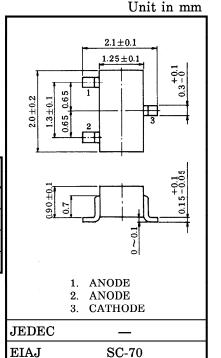
Small Package.

Small Total Capacitance: C_T=1.2pF (Max.)

Low Series Resistance $: r_{S} = 0.6\Omega \text{ (Typ.)}$

MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT	
Reverse Voltage	v_{R}	30	V	
Forward Current	$I_{\mathbf{F}}$	50	mA	
Junction Temperature	T_{j}	125	°C	
Storage Temperature Range	${ m T_{stg}}$	-55~125	°C	



1-2P1A

Weight: 0.006g

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ELECTRICAL CHARACTERISTICS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	$ m v_{ m F}$	I _F =2mA	_		0.85	V
Reverse Current	${ m I_R}$	$V_{R}=15V$	_	_	0.1	μ A
Reverse Voltage	$ m v_R$	$I_{R}=1\mu A$	30	_		V
Total Capacitance	C_{T}	$V_R=6V$, f=1MHz	_	0.8	1.2	pF
Series Resistance	r_{S}	I _F =2mA, f=100MHz	_	0.6	0.9	Ω

Marking



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