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 ($Ta = 25^{\circ}C$)

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

Unit in mm 2.1 ± 0.1 1.25 ± 0.1 1. ANODE 2. ANODE 3. CATHODE **JEDEC EIAJ** SC-70 **TOSHIBA** 1-2P1A

Weight: 0.006g

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	рF
Series Resistance	$r_{ m S}$	I _F =2mA, f=100MHz	_	0.6	0.9	Ω

Marking



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