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 : $r_S = 0.6\Omega$ (Typ.)

MAXIMUM RATINGS (Ta = 25°C)

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

2.1±0.1 1.25±0.1 1.00+0.00 1. ANODE 2.1±0.1 1.00+0.00 1.00+0.00 2.00+0.00 1.00+0.00 2.00+0

JEDEC — EIAJ SC-70 TOSHIBA 1-2P1A

Weight: 0.006g

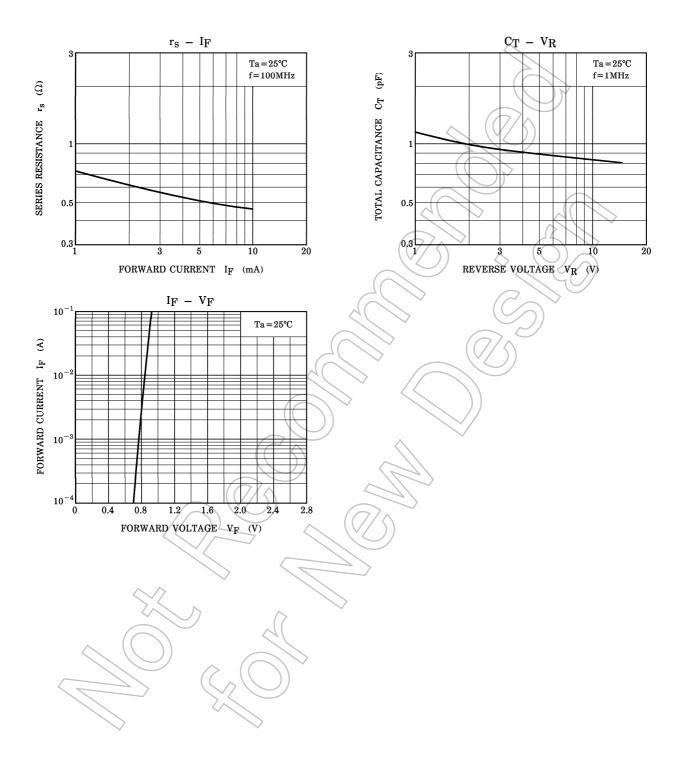
ELECTRICAL CHARACTERISTICS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	VF	I _F =2mA	_	_	0.85	V
Reverse Current	$\langle 4_{ m R} \rangle$	$V_R = 15V$	_	_	0.1	μ A
Reverse Voltage	$\overline{\mathrm{v}_{\mathrm{R}}}$	$I_{\mathbf{R}} = 1\mu\mathbf{A}$	30	_	_	V
Total Capacitance	C_{T}	$V_R = 6V$, $f = 1MHz$	_	0.8	1.2	pF
Series Resistance	$r_{\rm s}$	$I_F = 2mA$, $f = 100MHz$	_	0.6	0.9	Ω

Marking



1 2001-05-31



2 2001-05-31



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3

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