

TOSHIBA {DISCRETE/OPTO}

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9097250 TOSHIBA (DISCRETE/OPTO)

67C 09316 07-01-09

Silicon Planar Type

Diode

1SS104

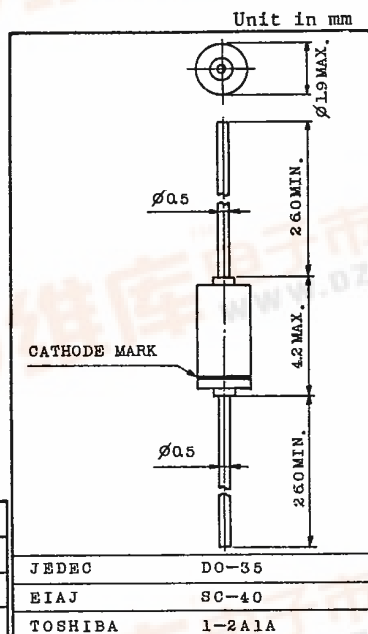
GENERAL PURPOSE RECTIFIER APPLICATIONS.

FEATURES:

- Low Forward Voltage : $V_F=1.3V$ (Max.)
- Low Reverse Current : $I_R=0.1nA$ (Typ.)

MAXIMUM RATINGS ($T_a=25^{\circ}C$)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Maximum(Peak) Reverse Voltage	VRM	35	V
Reverse Voltage	VR	30	V
Maximum(Peak) Forward Current	IFM	300	mA
Average Forward Current	IO	100	mA
Surge Current (1 sec)	IFSM	1	A
Power Dissipation	P	300	mW
Junction Temperature	Tj	175	$^{\circ}C$
Storage Temperature Range	Tstg	-65~175	$^{\circ}C$



Weight: 0.14g

Note : Marking

ELECTRICAL CHARACTERISTICS ($T_a=25^{\circ}C$)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V_F	$I_F=100mA$	-	1.0	1.3	V
Reverse Current	I_R	$V_R=30V$	-	0.1	10	nA
Total Capacitance	C_T	$V_R=0, f=1MHz$	-	3	6	pF

TOSHIBA CORPORATION

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