

9097250 TOSHIBA (DISCRETE/OPTO)

67C 09316 D7-01-09

Silicon Planar Type

Diode

1SS104

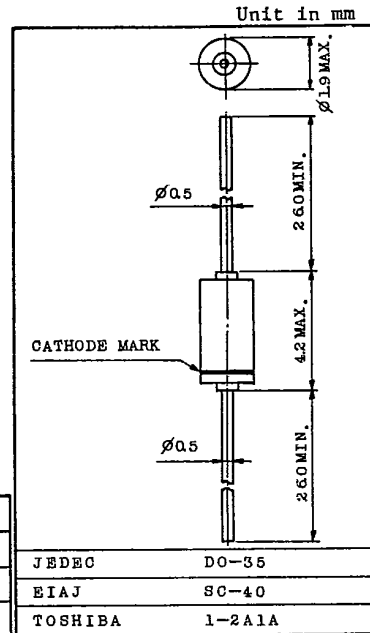
GENERAL PURPOSE RECTIFIER APPLICATIONS.

FEATURES:

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

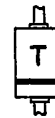
MAXIMUM RATINGS ($T_a=25^\circ C$)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Maximum(Peak) Reverse Voltage	V_{RM}	35	V
Reverse Voltage	V_R	30	V
Maximum(Peak) Forward Current	I_{FM}	300	mA
Average Forward Current	I_O	100	mA
Surge Current (1 sec)	I_{FSM}	1	A
Power Dissipation	P	300	mW
Junction Temperature	T_j	175	$^\circ C$
Storage Temperature Range	T_{stg}	-65 ~ 175	$^\circ C$



Weight: 0.14g

Note : Marking

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

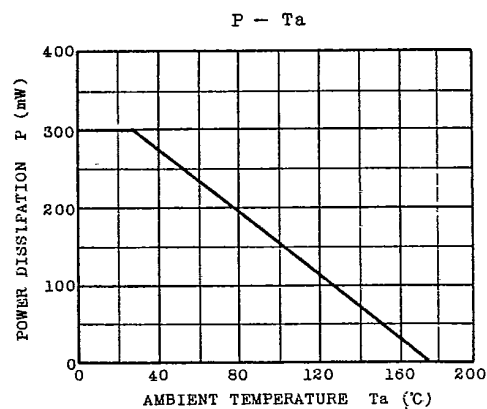
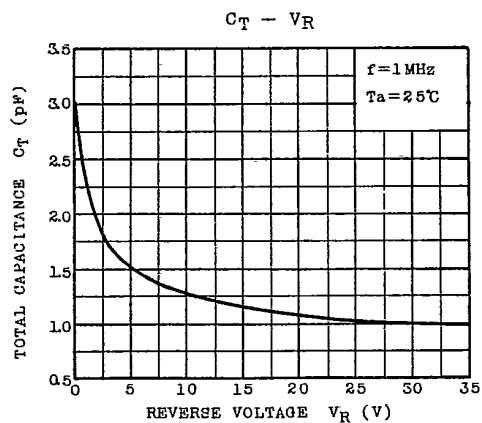
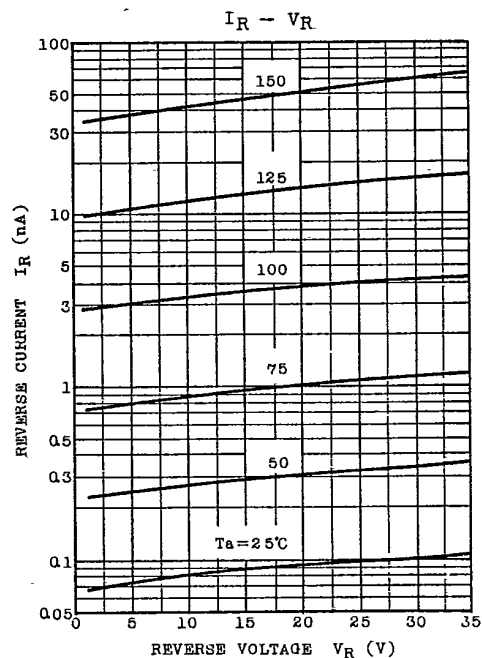
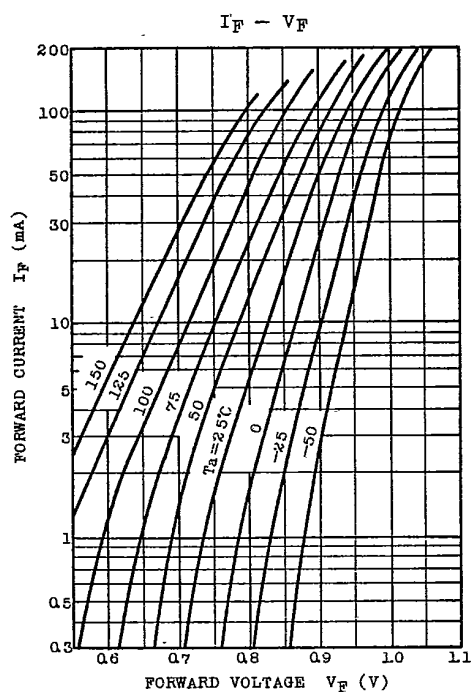
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V_F	$I_F=100mA$	-	1.0	1.3	V
Reverse Current	I_R	$V_R=30V$	-	0.1	10	nA
Total Capacitance	C_T	$V_R=0, f=1MHz$	-	3	6	pF

TOSHIBA CORPORATION

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