

9097250 TOSHIBA (DISCRETE/OPTO)

67C 09316 DT-01-09

Silicon Planar Type

Diode

**1SS104**

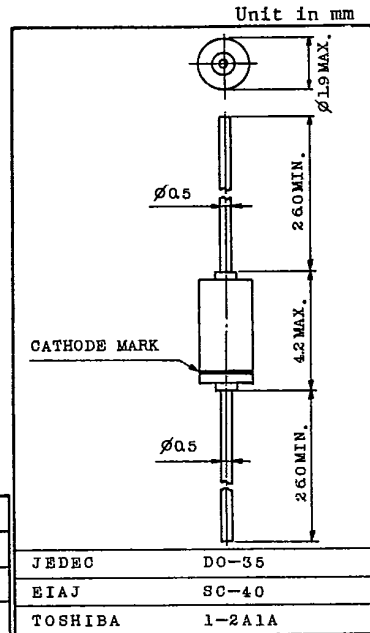
## GENERAL PURPOSE RECTIFIER APPLICATIONS.

## FEATURES:

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

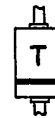
MAXIMUM RATINGS ( $T_a=25^{\circ}C$ )

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

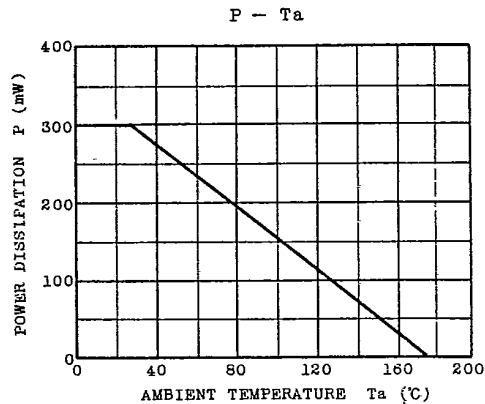
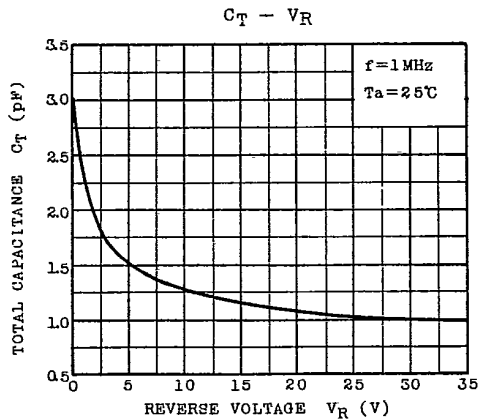
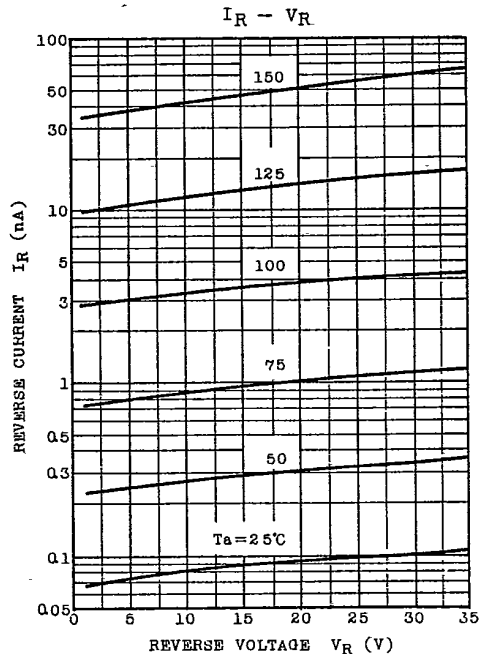
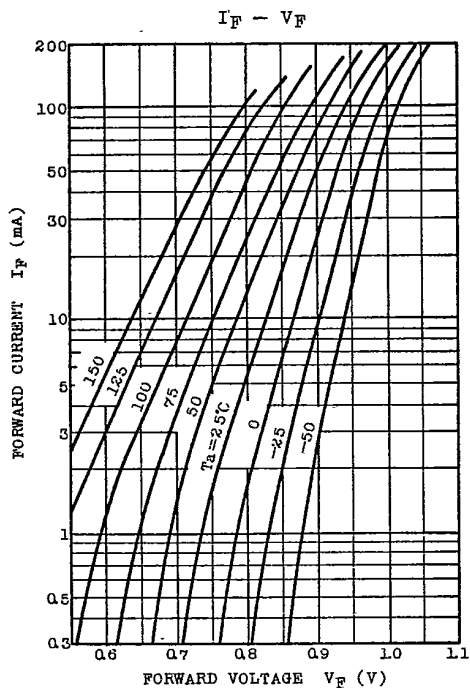
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	$V_F$	$I_F=100mA$	-	1.0	1.3	V
Reverse Current	$I_R$	$V_R=30V$	-	0.1	10	nA
Total Capacitance	CT	$V_R=0, f=1MHz$	-	3	6	pF

TOSHIBA CORPORATION

9097250 TOSHIBA (DISCRETE/OPTO)

67C 09317 DT-01-09

1SS104



TOSHIBA CORPORATION

This datasheet has been downloaded from:

[www.DatasheetCatalog.com](http://www.DatasheetCatalog.com)

Datasheets for electronic components.



LittleDiode supplies new, hard to find or obsolete electronic components and semiconductors all over the world.

With over two million different components listed you are sure to find the part you need.

Feel free to visit us today at our online store:

[LittleDiode.com](http://LittleDiode.com)

Looking forward to providing you with the best possible service.