

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

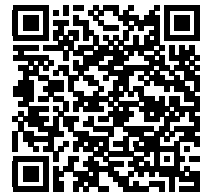
Part Number: 1SS295(TE85L,F)
Manufacturer: Toshiba Semiconductor and Storage
Package: TO-236-3, SC-59, SOT-23-3
Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/toshiba-semiconductor-and-storage-1ss295-te85l-f.html>

Request a Quote:

[Submit RFQ for this part](#)



Scan for product page

Contact Information

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Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

1SS295

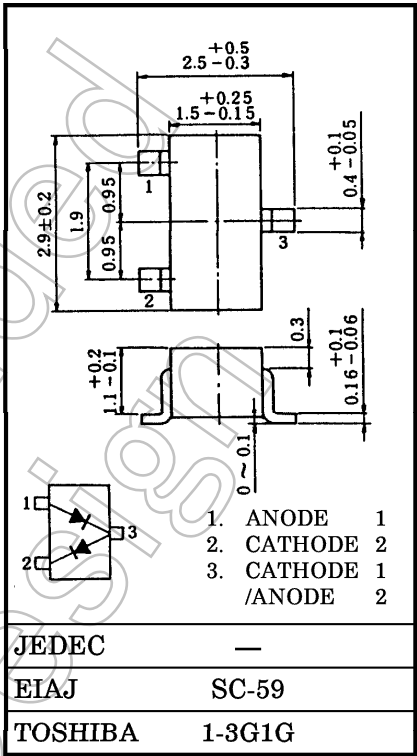
UHF BAND MIXER APPLICATIONS.

Unit in mm

- Small Package
- Small Delta Forward Voltage : $\Delta V_F = 10\text{mV (Max.)}$
- Small Delta Total Capacitance : $\Delta C_T = 0.1\text{pF (Max.)}$

MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	4	V
Forward Current	I_F	30	mA
Junction Temperature	T_j	125	°C
Storage Temperature Range	T_{stg}	-55~125	°C



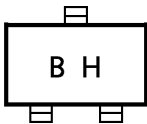
Weight : 0.013g

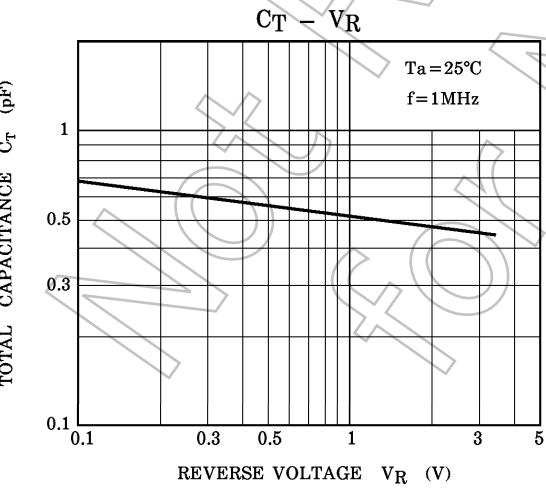
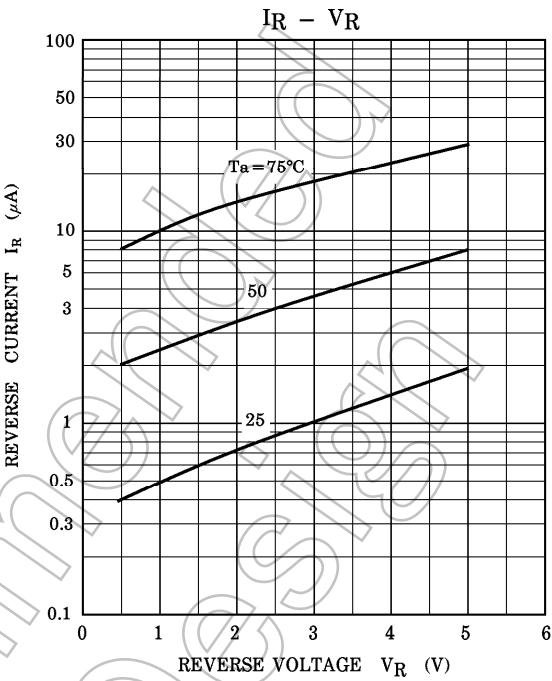
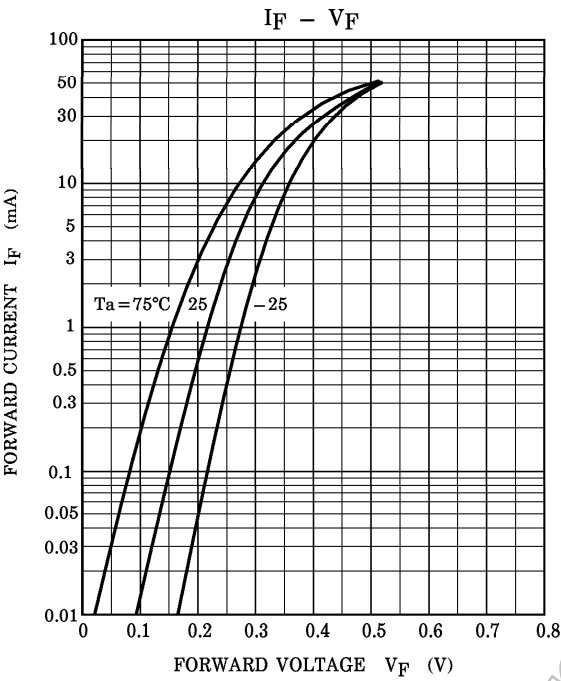
ELECTRICAL CHARACTERISTICS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V_F	$I_F = 2\text{mA}$	—	0.25	0.32	V
Forward Current	I_F	$V_F = 0.5\text{V}$	30	—	—	mA
Reverse Current	I_R	$V_R = 0.5\text{V}$	—	—	25	μA
Total Capacitance	C_T	$V_R = 0.2\text{V}, f = 1\text{MHz}$	—	0.6	0.9	pF
Delta Forward Voltage	ΔV_F	$I_F = 2\text{mA}$ (Note)	—	—	10	mV
Delta Total Capacitance	ΔC_T	$V_R = 0.2\text{V}, f = 100\text{MHz}$ (Note)	—	—	0.1	pF

(Note) : Difference between 2 Devices 2 Devices in 1 package.

Marking





RESTRICTIONS ON PRODUCT USE

000707EAA

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