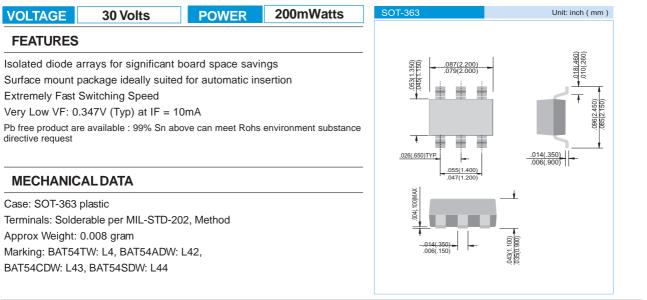


DATA SHEET

BAT54TW/ADW/CDW/SDW

SURFACE MOUNT SCHOTTKY DIODE ARRAYS

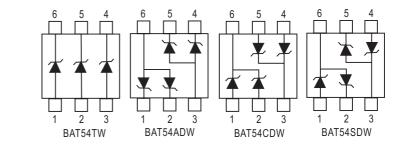


ABSOLUTE RATINGS (each diode)

PARAMETER	Symbol	Vale	Units
Maxin um Reverse Volage	Vr	30	V
Peak Reverse Volzge	Vrrm	30	V
Continuous Forward Current	IF	0.2	A

THERMAL CHARACTERISTICS

PARAMETER	Symbol	Valle	Units
PowerDissipation (Note 1)	Ртот	200	m W
Them alResistance, Junction to Ambient (Note 1)	R θ ja	625	°CM
Junction Tem perature	Тл	-55 to 125	°C
Storage Tem perature	ТЪтд	-55 to 150	°C



1. FR-5 Board = 1.0 x 0.75 x 0.062 in.

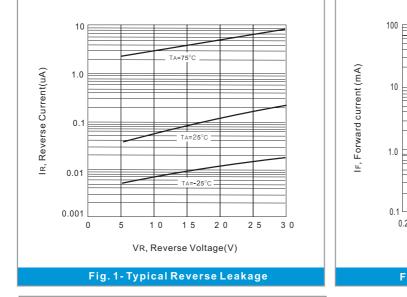
NOTE:

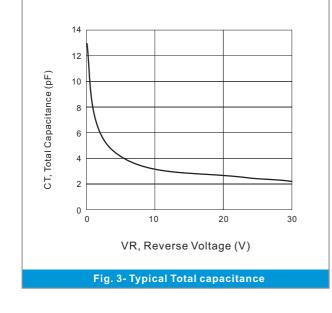


ELECTRICAL CHARACTERISTICS (each diode) (TA=25°C, unless otherwise noted)

PARAMETER	Symbol	TestC ond ition	MN.	TYP.	MAX.	Units
Reverse Breakdown Vo l age	V(BR)	E=100 uA	30			V
Reverse Current	Ir	V _R =25 V			2.0	uA
Forward Volzge	Vf	E=0 lm A E=1.0m A F=10m A E=30m A F=100m A			024 032 040 050 10	V
TotalC apacitance	Ст	VR=1V,f=1.0MHz			10	pF

ELECTRICAL CHARACTERISTICS CURVES





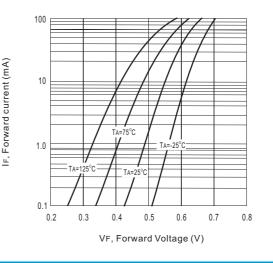


Fig. 2- Typical Forward Voltage



ORDER INFORMATION

Packing information

T/R - 12K per 13" plastic Reel T/R - 3.0K per 7" plastic Reel

LEGAL STATEMENT

IMPORTANT NOTICE

This information is intended to unambiguously characterize the product in order to facilitate the customer's evaluation of the device in the application. The information will help the customer's technical experts determine that the device is compatible and interchangeable with similar devices made by other vendors. The information in this data sheet is believed to be reliable and accurate. The specifications and information herein are subject to change without notice. New products and improvements in products and product characterization are constantly in process. Therefore, the factory should be consulted for the most recent information and for any special characteristics not described or specified.

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