

BAT54TW / ADW / CDW / SDW / DW

SURFACE MOUNT SCHOTTKY DIODE ARRAYS

VOLTAGE 30 Volts **POWER** 225mWatts

SOT-363 Unit : inch(mm)

MECHANICAL DATA

- Case: SOT-363 plastic
- Terminals: Solderable per MIL-STD-750, Method 2026
- Approx. Weight: 0.0002 ounce, 0.006 gram

ABSOLUTE RATINGS (each diode)

Parameter	Symbol	BAT54TW	BAT54ADW	BAT54CDW	BAT54SDW	BAT54DW	Units
Marking Code	-	L4	L42	L43	L44	L41	-
Maximum Reverse Voltage	V_R	30					V
Peak Reverse Voltage	V_{RRM}	30					V
Continuous Forward Current	I_F	0.2					A
Circuit Figure	-	Fig 50	Fig 46	Fig 47	Fig 45	Fig 107	-

THERMAL CHARACTERISTICS

Parameter	Symbol	Value	Units
Power Dissipation (Note 1)	P_{TOT}	225	mW
Thermal Resistance, Junction to Ambient (Note 1)	$R_{\theta JA}$	550	°C/W
Thermal Resistance, Junction to Lead	$R_{\theta JL}$	220	°C/W
Junction Temperature	T_J	-55 to 125	°C
Storage Temperature	T_{STG}	-55 to 150	°C

NOTE:

1. FR-4 Board Minimum pad.

