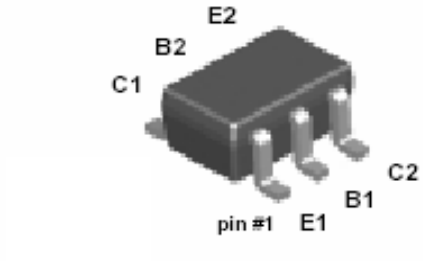
BAT54TW/ADW/CDW/SDW/BRW

SCHOTTKY DIODE

SOT-363



FEATURES

Power dissipation

$P_{D:}$ 200 mW (Tamb=25℃)

Forward Current

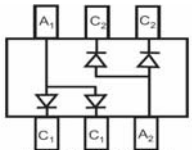
$I_{F:}$ 200 m A

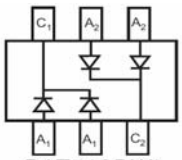
Reverse Voltage

V_R: 30 V

Operating and storage junction temperature range

T_J, T_{stg}: -55℃ to +150℃


BAT54ADW*
Marking: KL6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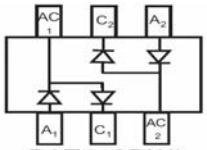
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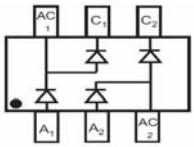
BAT54BRW
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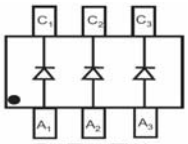
BAT54TW
Marking: KLA

ELECTRICAL CHARACTERISTICS (Tamb=25℃ unless otherwise specified)

Parameter	Symbol	Test conditions	MIN	MAX	UNIT
Reverse breakdown voltage	$V_{(BR)}$	I_R= 100μA	30		V
Reverse voltage leakage current	I_R	V_R=25V		2	μA
Forward voltage	V_F	I_F=0.1mA I_F=1mA I_F=10mA I_F=30mA I_F=100mA		240 320 400 500 1000	mV
Diode capacitance	C_D	V_R=1V, f=1MHz		10	pF
Reverse recovery time	t_{rr}	I_F =10mA through I_R=10mA to I_R=1.0mA R_C=100Ω		5	nS