



BAV99BRW

QUAD SURFACE MOUNT SWITCHING DIODE ARRAY

FEATURES

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- For General Purpose Switching Applications
- High Conductance
- Easily Connected As Full-Wave Bridge
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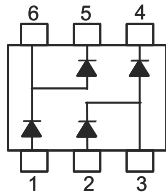
MECHANICAL DATA

Case : SOT-363, Plastic

Terminals : Solderable per MIL-STD-750, Method 2026

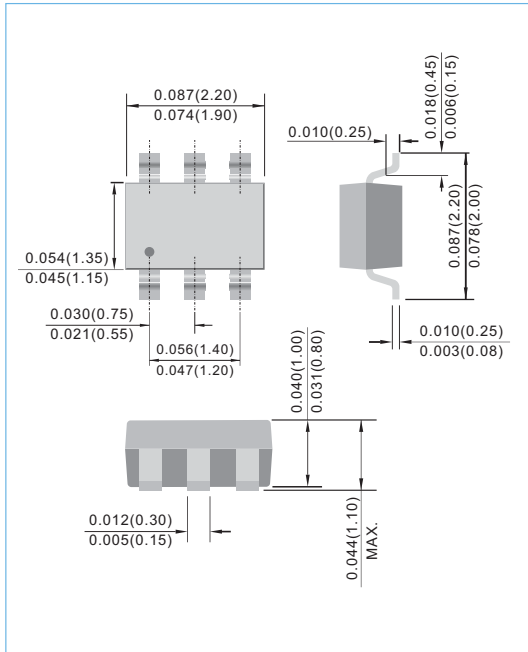
Approx. Weight : 0.0002 ounces, 0.006 grams

Marking : PW



SOT-363

Unit : inch(mm)



MAXIMUM RATINGS (TA=25°C unless otherwise specified)

PARAMETER	SYMBOL	VALUE	UNIT
Non-Repetitive Peak Reverse Voltage	V_{RM}	100	V
Peak Repetitive Reverse Voltage	V_{RRM}	75	V
Working Peak Reverse Voltage	V_{RWM}		
DC Blocking Voltage	V_R		
RMS Reverse Voltage	$V_{R(RMS)}$	53	V
Forward Continuous Current (Note 1)	I_{FM}	300	mA
Average Rectified Output Current (Note 1)	I_O	215	mA
Non-Repetitive Peak Forward Surge Current	I_{FSM}	4.0 0.7	A
		@ t=1.0μs @ t=1.0s	
Power Dissipation (Note 1)	P_D	200	mW
Thermal Resistance Junction to Ambient Air (Note 1)	$R_{\theta JA}$	625	°C/W
Operating and Storage Temperature Range	T_J, T_{STG}	-55 to + 150	°C

Notes : 1.Device mounted on FR-4 PC board with recommended pad layout

2.Short duration test pulse used to minimize self-heating effect

3.No Purposefully added lead