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1.2A

ABS/LBF

1.2A Surface Mount Glass Passivated Bridge Rectifier, ABS/LBF thin package.

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100V~1000V

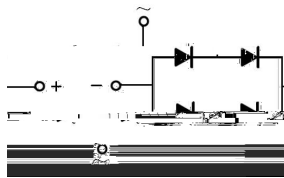
1.2A

Glass Passivated Chip Junction, Reverse Voltage :100 to 1000V, Forward Current: 1.2A, High Surge Current Capability, Designed for Surface Mount Application. Halogen free product.

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General purpose.

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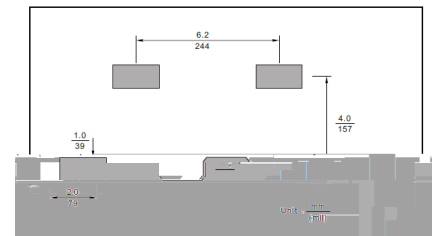


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PIN	DESCRIPTION
1	Input Pin (~)
2	Input Pin (~)
3	Output Anode (+)
4	Output Anode (+)

The recommended mounting pad size



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See Marking Instructions.

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Parameter	Symbol	Rating						Unit
		TB1S-12	TB2S-12	TB4S-12	TB6S-12	TB8S-12	TB10S-12	
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	100	200	400	600	800	1000	V
Maximum RMS voltage	V_{RMS}	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V_{DC}	100	200	400	600	800	1000	V
Average Rectified Output Current at $T_c = 125$	I_o	1.2						A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	I_{FSM}	40						A
Typical Junction Capacitance <small>Note1</small>	C_j	18						pF
Typical Thermal	$R_{\theta JA}$	70						/W
		18						/W
		-55~150						

C.
 1×3.81 cm copper pad.

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Fig.1 Average Rectified Output Current Derating Curve

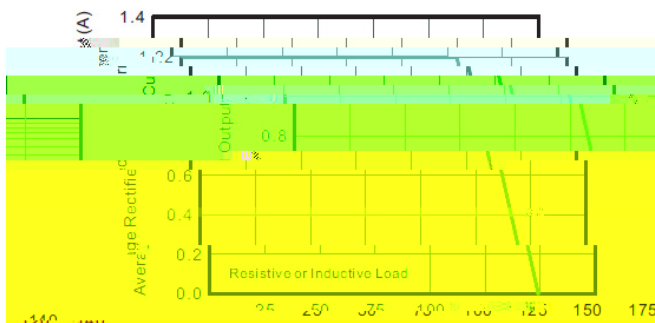
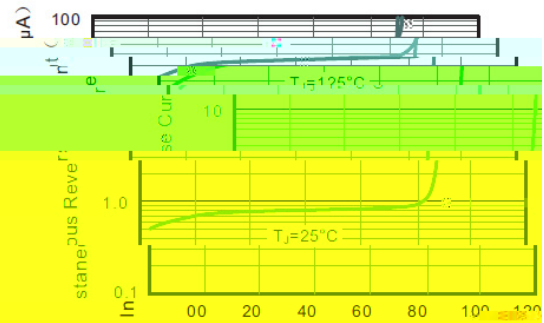


Fig.2 Typical Reverse Characteristics



Reverse Current (μA) vs. Temperature (°C) for typical devices. The graph shows a significant increase in reverse current as temperature rises, particularly above 100°C.

Fig.3 Typical Junction Capacitance

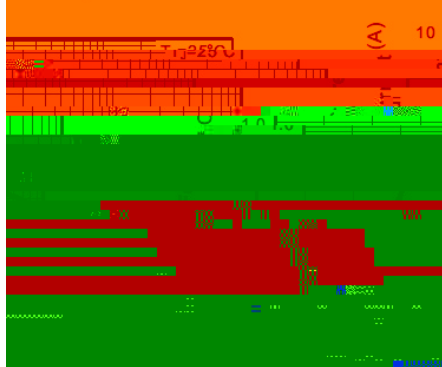


Fig.3 Typical Forward Characteristics

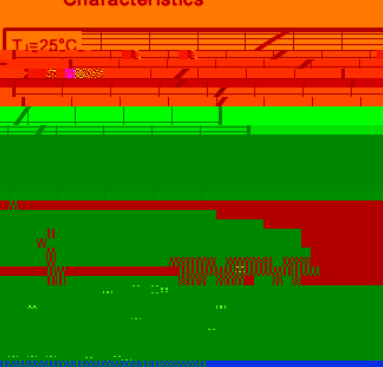
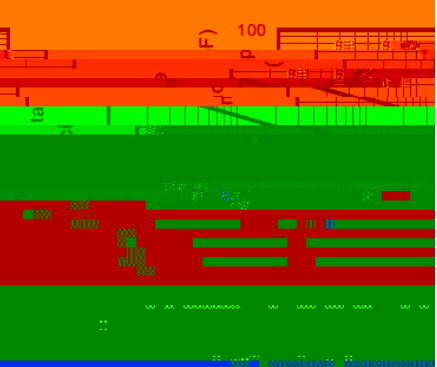
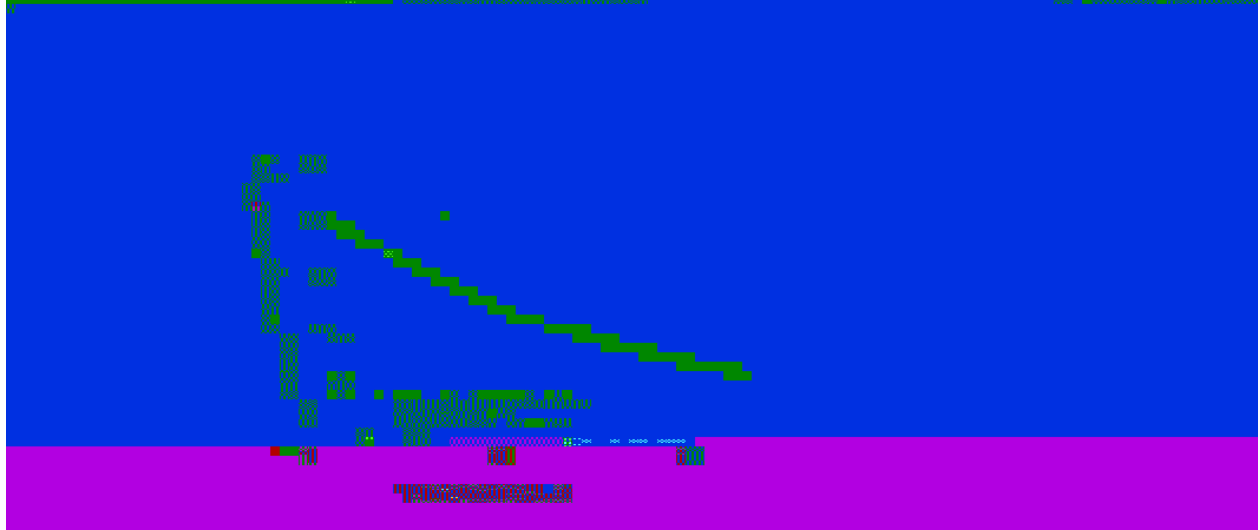


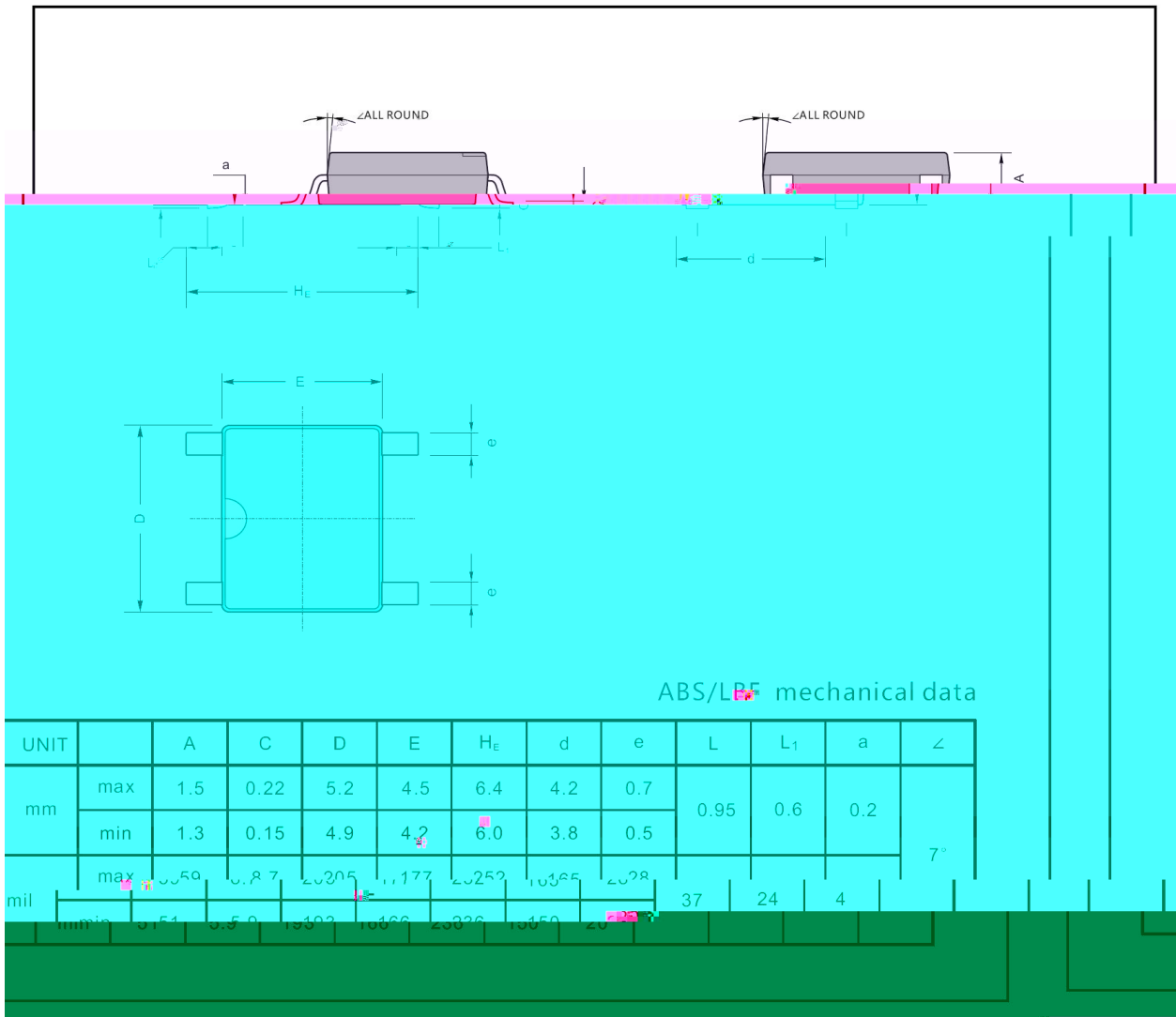
Fig.4 Typical Junction Temperature



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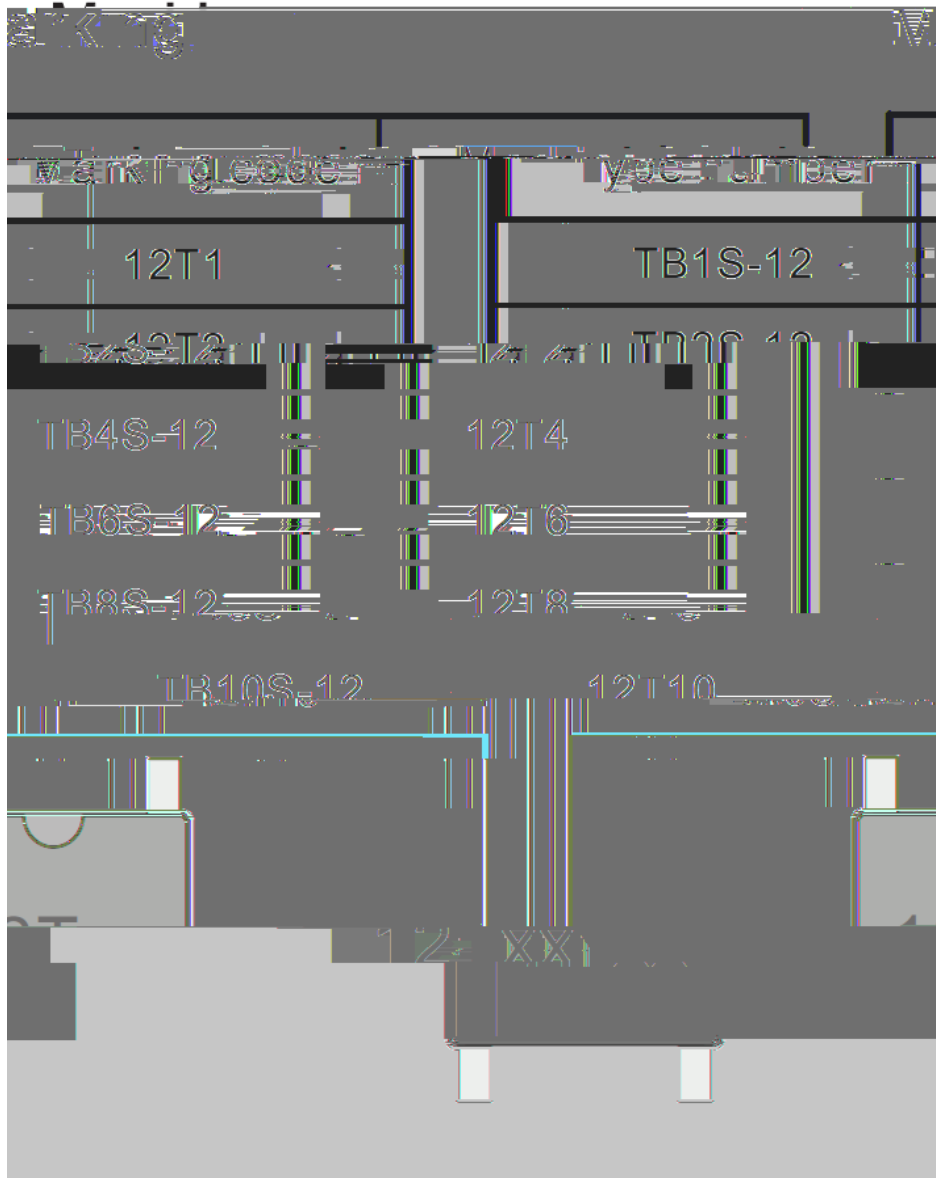
ABS/LBF

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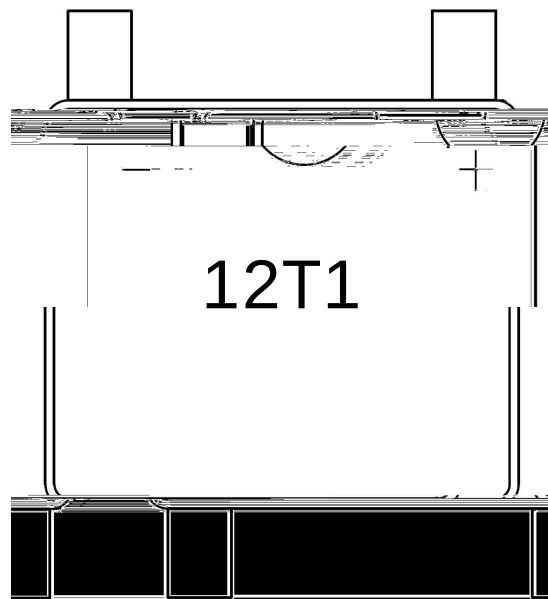


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4. LQ



4. LQ



12T1

1 *

3 *

Note:

12T1 Product Type Code

**** Lot No. Code The 1st * means:YM Code The last 3 * means:little Lot No Code

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