/ Descriptions

1.0A ˊ ˍ˚ Ꝉ ⁼ ᵍ ᷉Ꝋ ╚ ⁷ ı MBS Ṃ Ꝉ
1.0A Surface Mount Schottky Bridge Rectifier, MBS package.

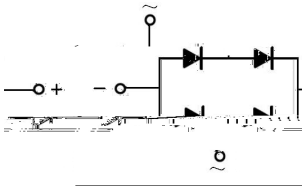
/ Features

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Glass Passivated Chip Junction, Reverse Voltage:40to200V, Forward Current:1.0A, High Surge Current Capability, Designed for Surface Mount Application.Halogen free product.

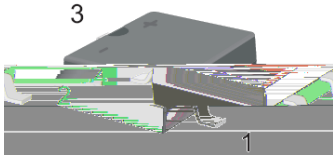
/ Applications

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General purpose.

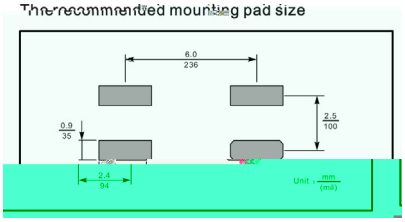
/ Equivalent Circuit



/ Pinning



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

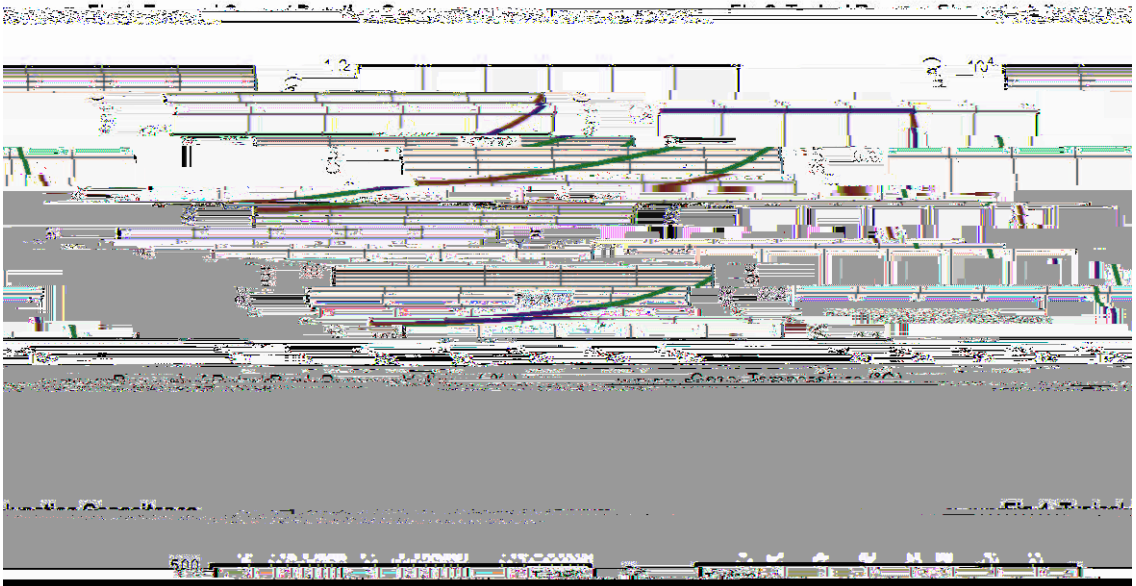


/ Marking

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v ‴Ω Parameter	ㄱ N Symbol	‴Ω ë Rating						D Ꮒ Unit
		MB14S	MB16S	MB18S	MB110S	MB115S	MB120S	
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	40	60	80	100	150	200	V
Maximum RMS voltage	V_{RMS}	28	42	56	70	105	140	V
Maximum DC Blocking Voltage	V_{DC}	40	60	80	100	150	200	V
Maximum Average Forward Rectified Current at T_C = 100	$I_{F(AV)}$	1.0						A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	I_{FSM}	40			30			A
Typical Junction Capacitance Note1	C_j	110	80					pF
Typical Thermal Resistance Note2	$R_{\theta JA}$	100						/W
Operating Junction Temperature Range	T_j							

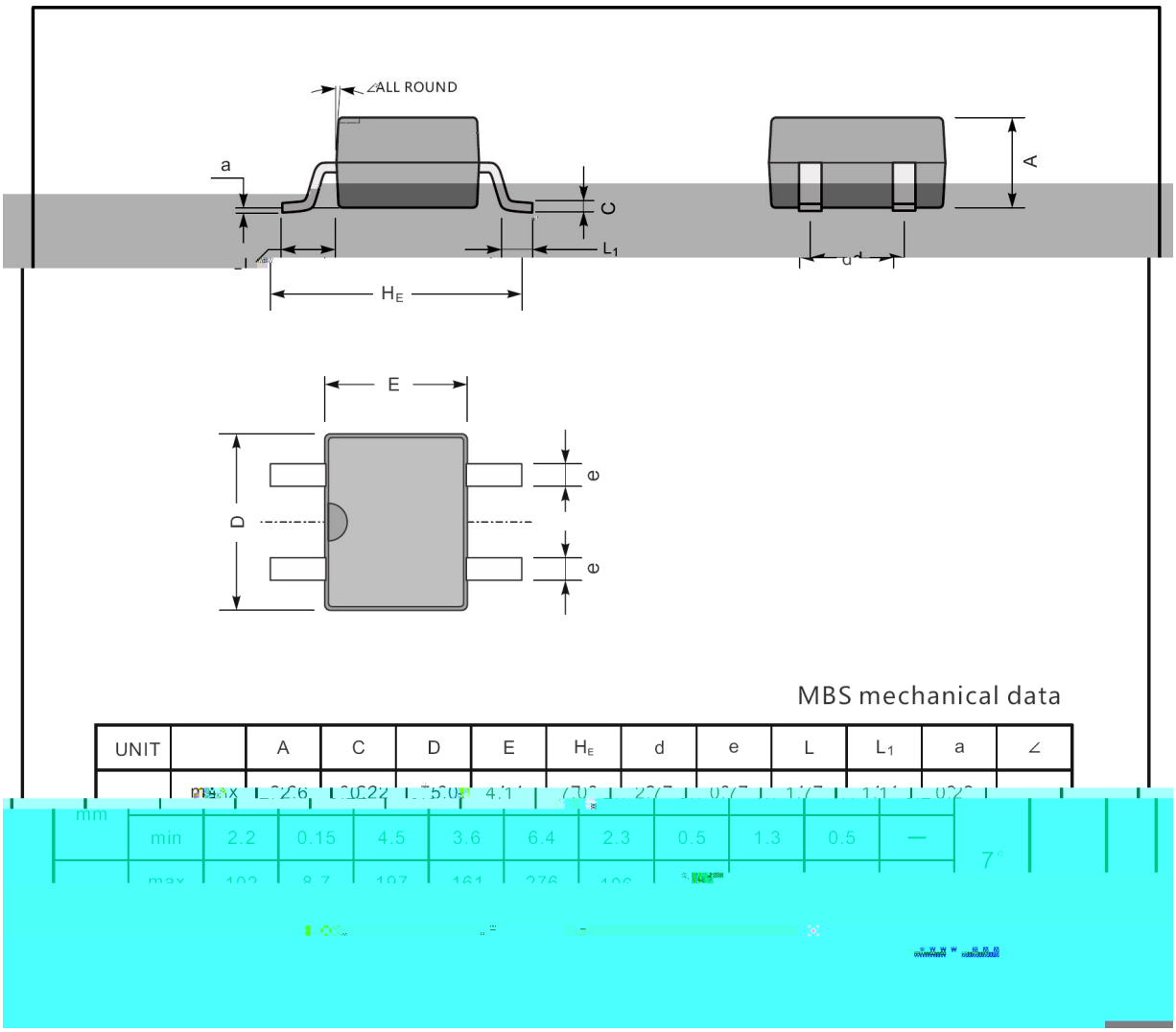
/ Electrical Characteristic Curve





/ Package Dimensions

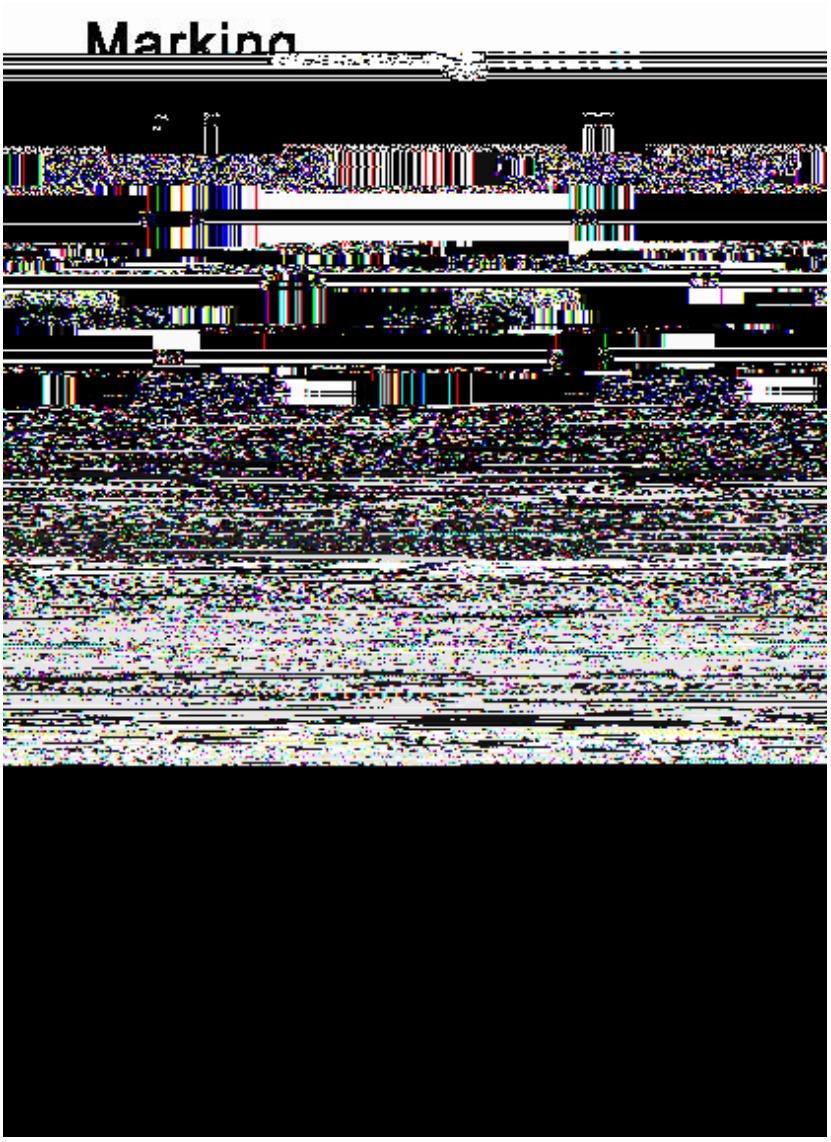
MBS



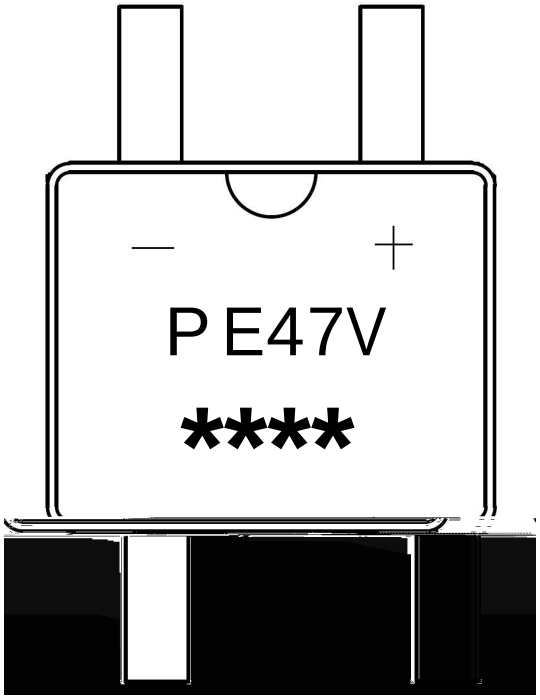
MBS mechanical data

UNIT		A	C	D	E	H_E	d	e	L	L_1	a	∠
mm	min	2.2	0.15	4.5	3.6	6.4	2.3	0.5	1.3	0.5	—	7°

/ Marking Instructions



/ Marking Instructions



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P E47V χ ѫ ʒ ᴺ Ђ

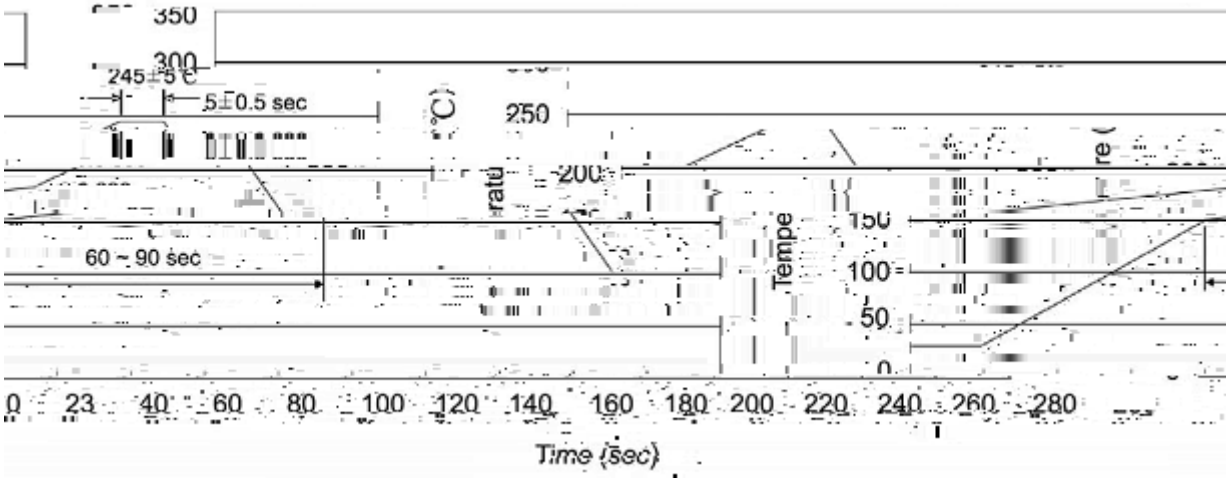
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Note:

P E47V χ Product Type Code

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

( ) /



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1 Ĺ ♬ □ ỷ 25 Ḱ 150 ł ı `H ڑ 60 Ḱ 90sec;

Note:

1.Preheating:25~150 ł