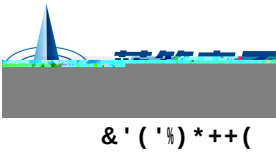




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D	2017-5				
E	2021-1-27	4/7	0.5-0.8	e0.5-0.7 5 7	



2.0A

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%

Parameter	Symbol	Rating					Unit
		MB24F	MB26F	MB28F	MB210F	MB220F	
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	40	60	80	100	200	V
Maximum RMS Voltage	V _{RMS}	28	42	56	70	140	V
Maximum DC Blocking Voltage	V _{DC}	40	60	80	100	200	V
Maximum Average Forward Rectified Current	I _{F(AV)}	2.0					A
Peak Forward Surge Current,8.3ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)	I _{FSM}	50		40			A
Typical Junction Capacitance ¹⁾	C _j	220	80				pF
Typical Thermal Resistance ²⁾	R _{θJA}	75					/W
Operating Junction Temperature Range	T _j	-55~+125					
Storage Temperature Range	T _{stg}	-55~+150					

Note:

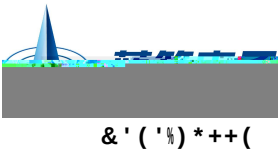
1. Measured at 1MHz and applied reverse voltage of 4 V D.C.
2. Mounted on glass epoxy PC board with $4 \times (5 \times 5mm^2)$ copper pad.

%

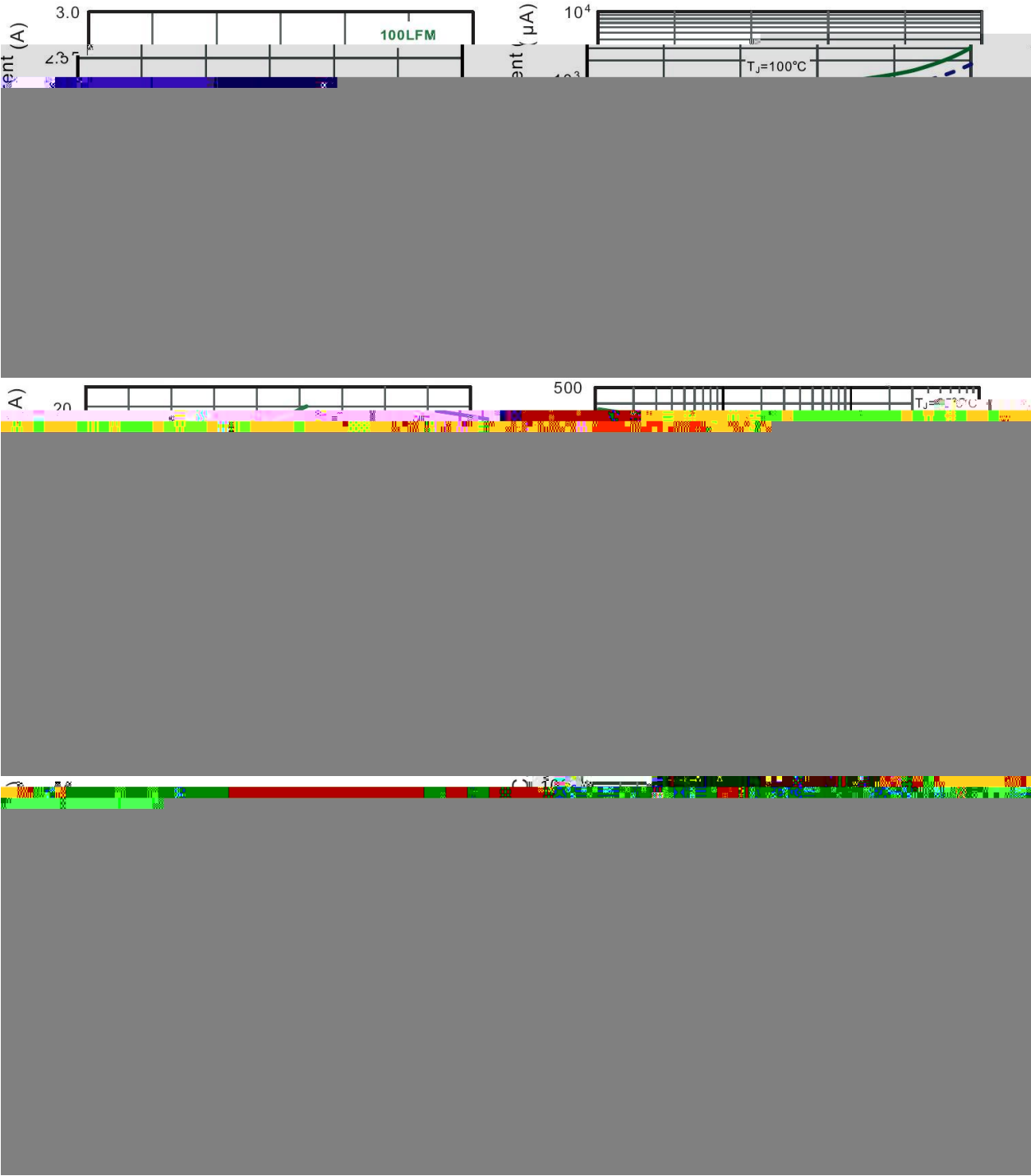
%%.% % +@06>5269@% BK9596>0523>263G (9H I J%

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Parameter	Symbol	Test Conditions	数值 Rating					Unit
			MB24F	MB26F	MB28F	MB210F	MB220F	
Max Instantaneous Forward Voltage	V_F	$I_F=2.0A$	0.55	0.70	0.85			V
Maximum DC Reverse Current at Maximum DC Blocking Voltage	I_R	$T_a=25^\circ C$	0.5			0.3		mA
		$T_a=100^\circ C$	10			5.0		mA

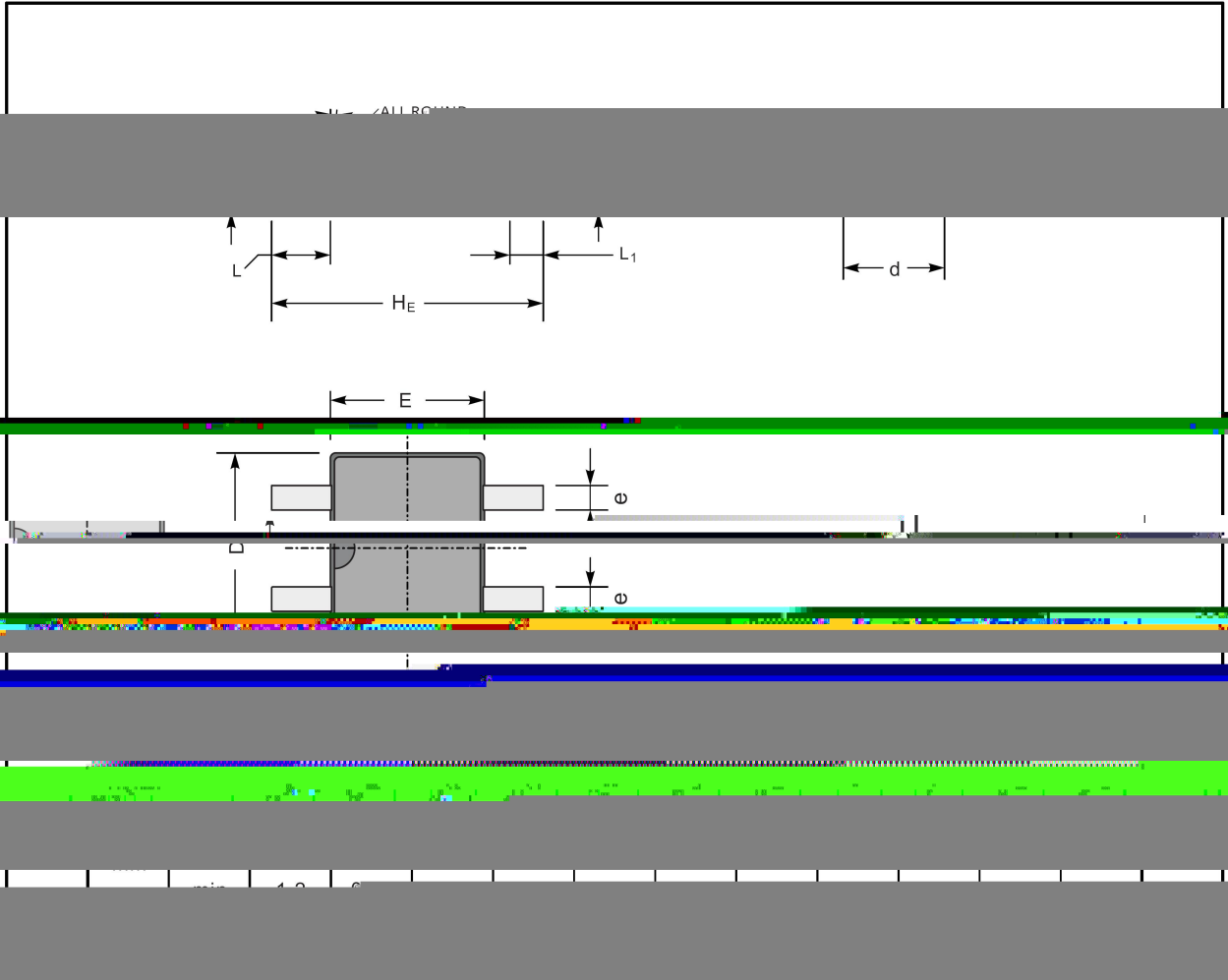


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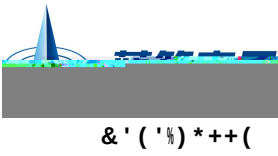
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MBF

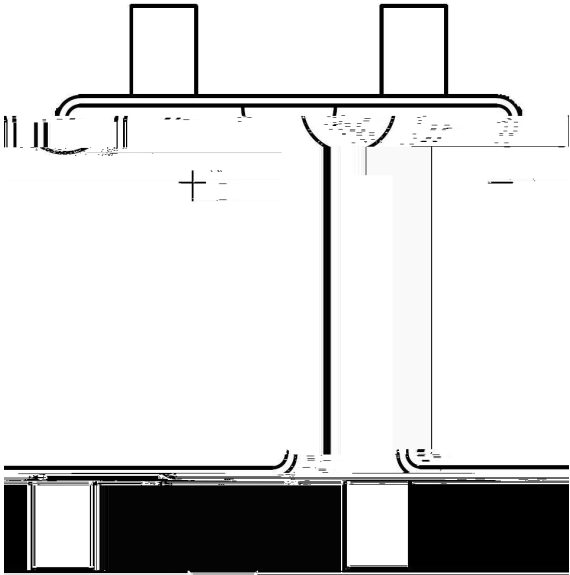


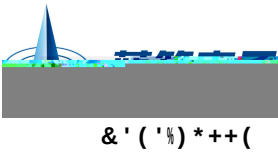
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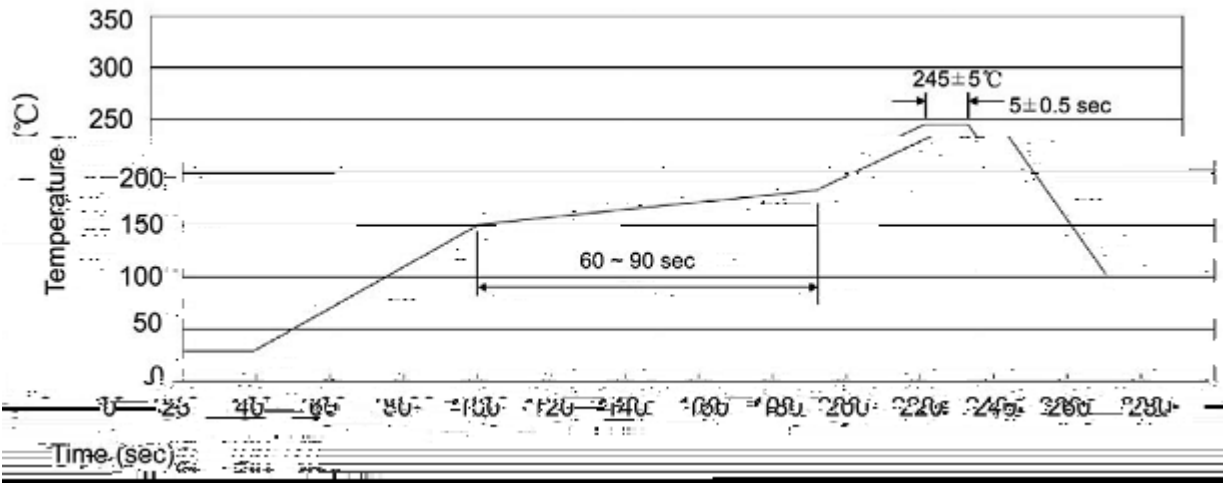


% % .% % 95:2;<%M ;3>5?6>27 ;3%





G J % . % % Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- | | | | | | |
|---|-------|-----|-----------|---|--------------------------------------|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 245±5 | | 5±0.5sec; | 2.Peak Temp.:245±5 , Duration:5±0.5sec. | |
| 3 | | 2 | 10 | /sec. | 3. Cooling Speed: 2~10 /sec. |

% % . % % / 0323>9 ; 60%>7%) 7@4052 ; <% * 09>% (03>%B7 ; 42>27 ; 3%

260±5 10±1 sec. Temp.:260±5 Time:10±1 sec

% % . % % C96 : 9<2 ; <%) C+BP%

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱