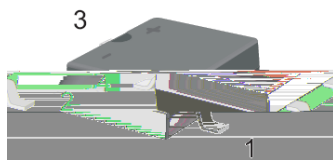
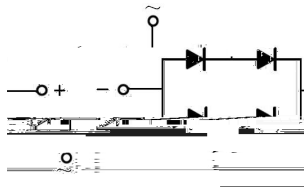


Rev.A Dec.-2017

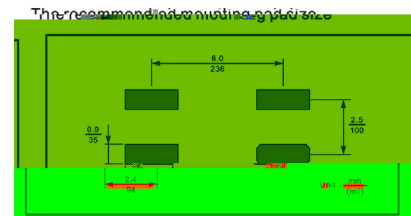
1.0A MBS
 1.0A Surface Mount Schottky Bridge Rectifier, MBS package.

73Y£533Y 413D
 Glass Passivated Chip Junction, Reverse Voltage:40to200V, Forward Current:1.0A, High Surge Current Capability, Designed for Surface Mount Application.Halogen free product.

1
 General purpose.

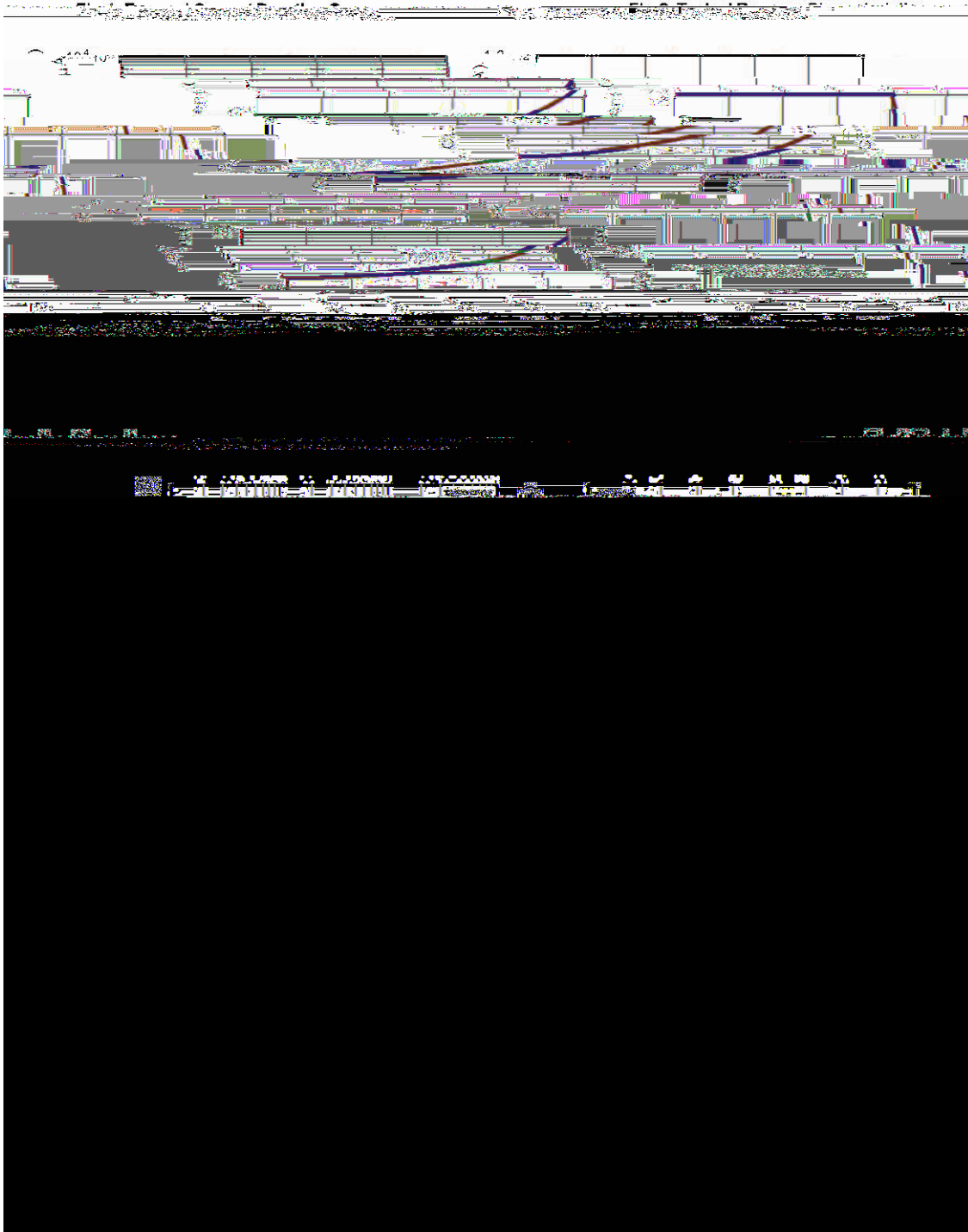


PIN	DESCRIPTION
1	Input Pin (-)
2	Input Pin (+)
3	Output Anode (+)

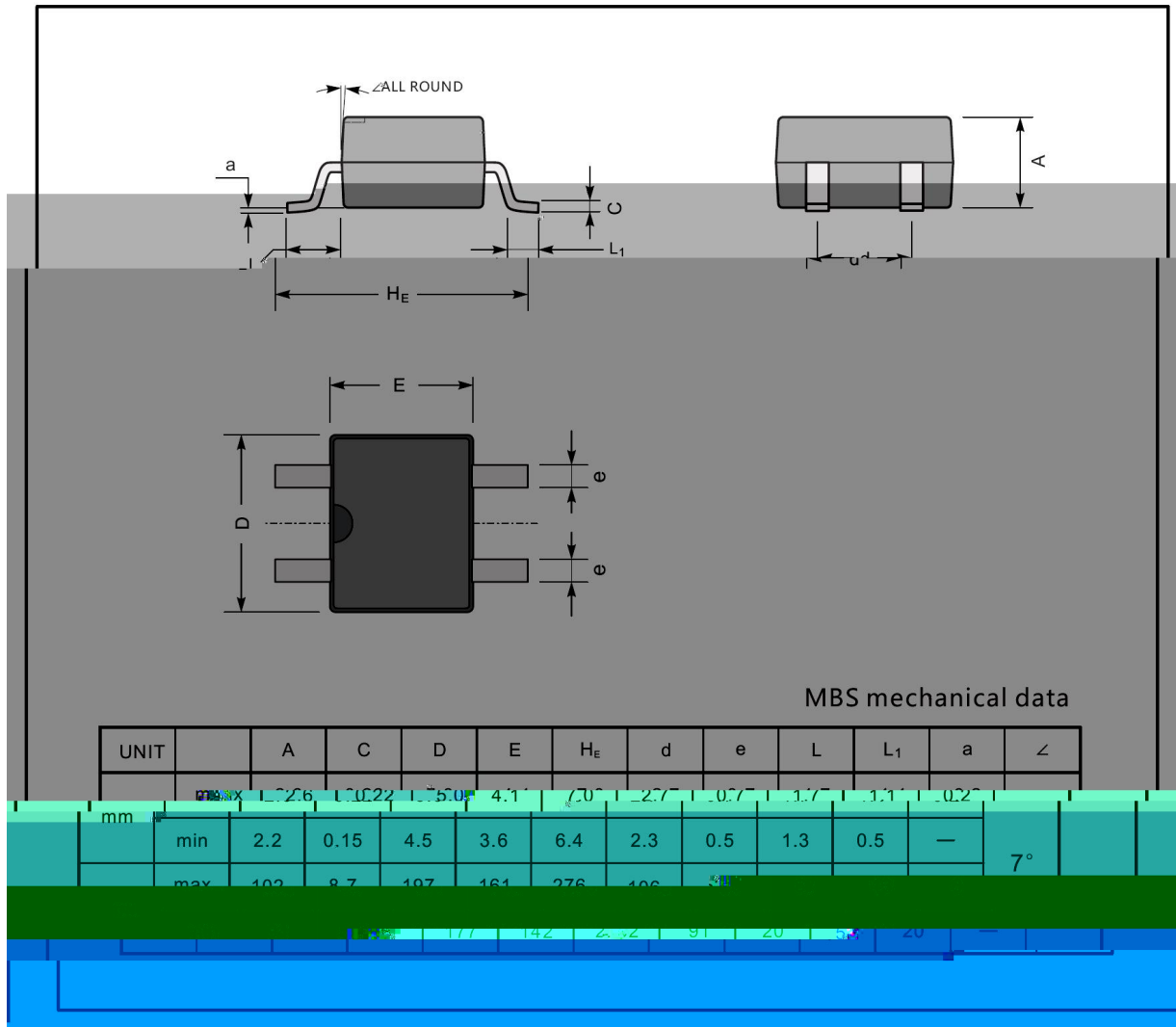


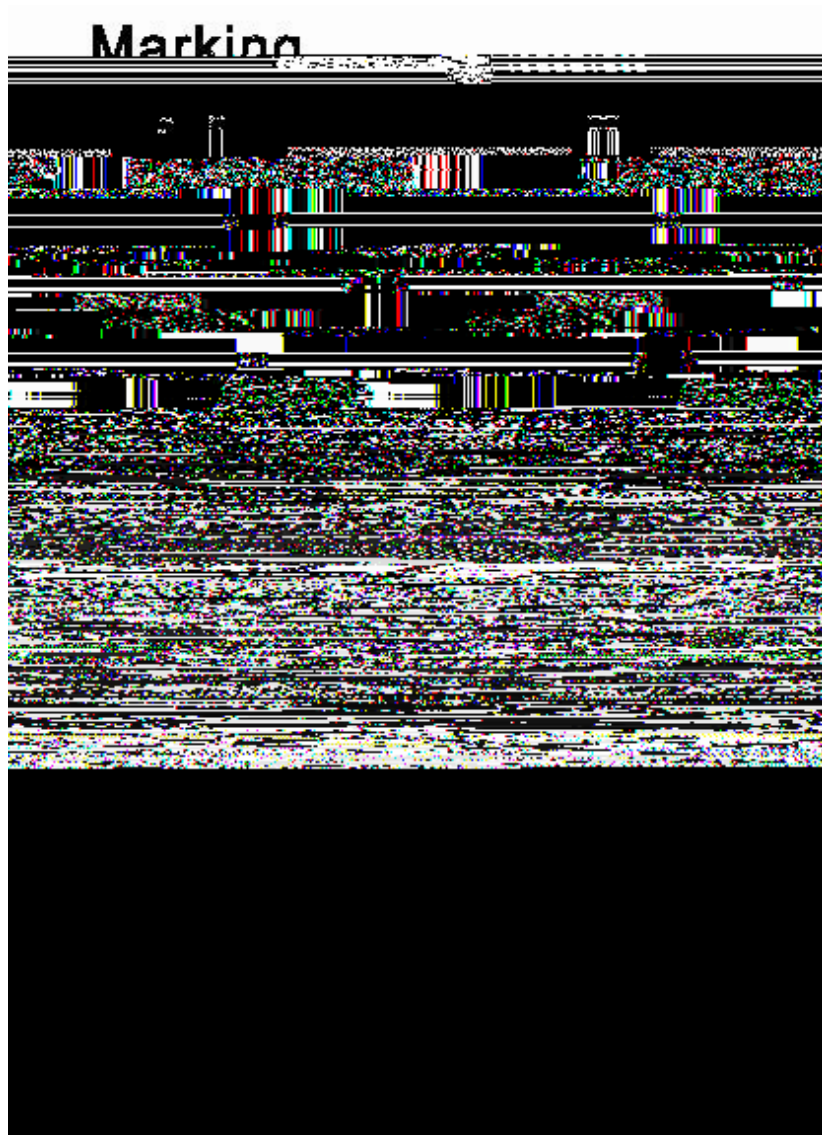
See Marking Instructions.

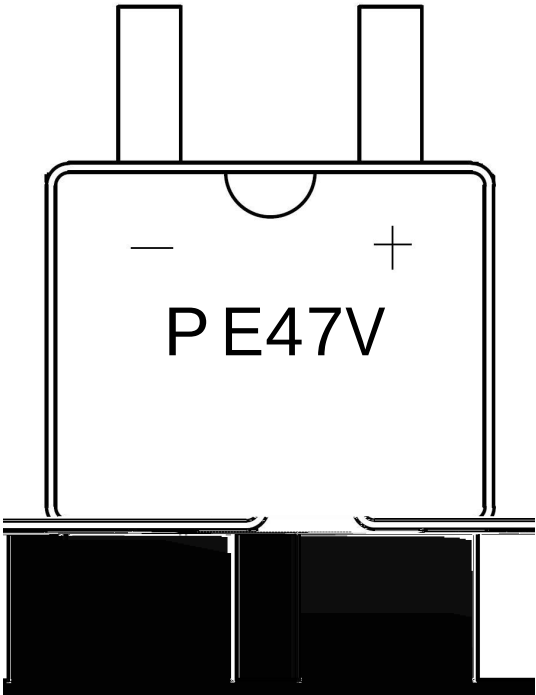
Parameter	Symbol	Rating						Unit
		MB14S	MB16S	MB18S	MB110S	MB115S	MB120S	
Maximum Repetitive Peak Reverse Voltage	V _{RRM}	40	60	80	100	150	200	V
Maximum RMS voltage	V _{RMS}	28	42	56	70	105	140	V
Maximum DC Blocking Voltage	V _{DC}	40	60	80	100	150	200	V
Maximum Average Forward Rectified Current at 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 _{θJA}	100						/W
Operating Junction Temperature Range	T _j							



MBS







PE47V

4 *

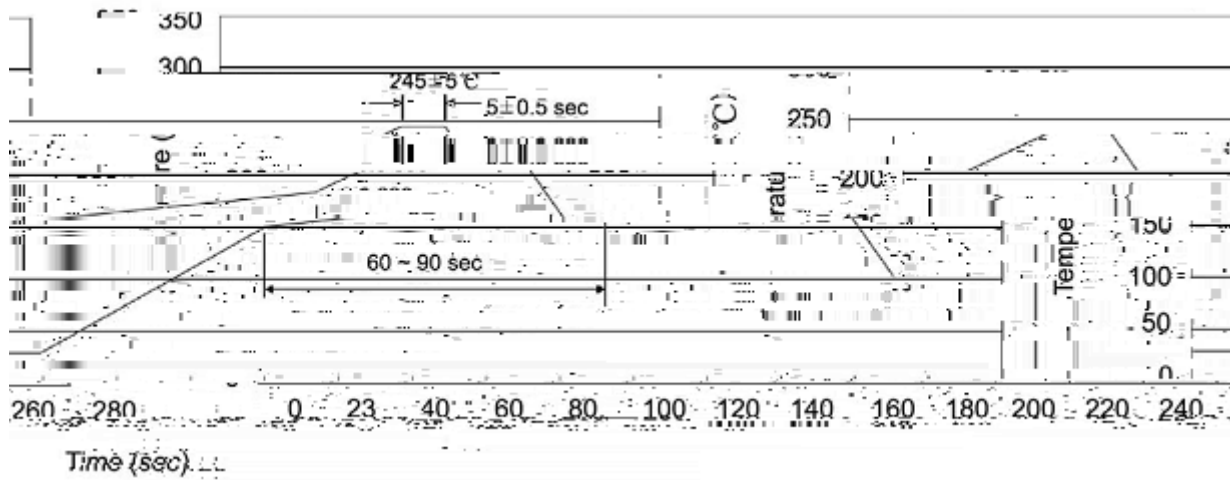
6 *

Note:

PE47V Product Type Code

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

Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

1 25 150% 60 90sec;

1.Preheating:25~150%