/ Absolute Maximum Ratings(Ta=25)

Parameter	Symbol	Rating							Unit
		US3ABF	US3BBF	US3DBF	US3GBF	US3JBF	US3KBF	US3MBF	
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS voltage	V_{RMS}	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V_{DC}	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current at Tc = 125	$I_{F\ AV}$								

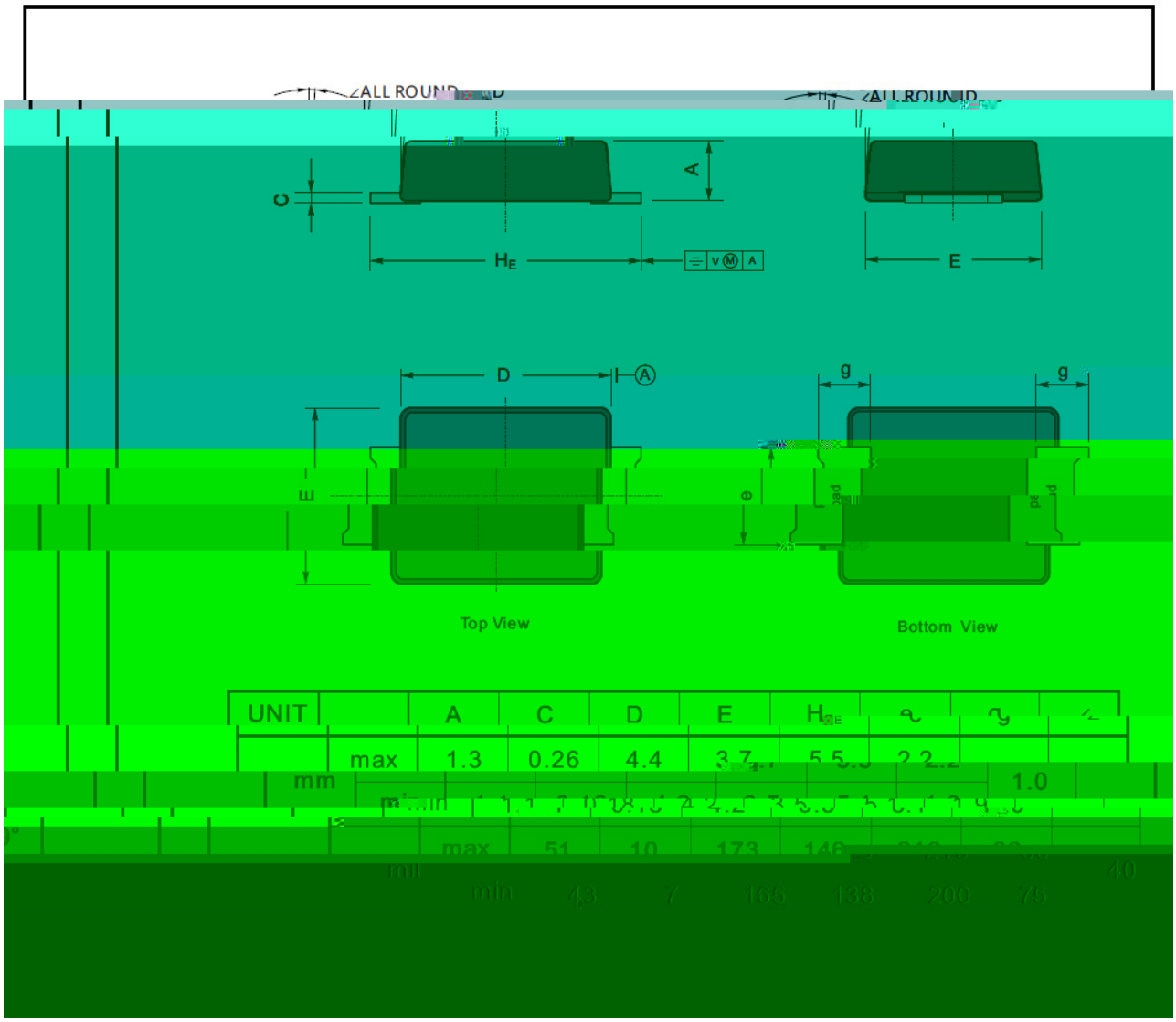
Note:

(1) P.C.B. mounted with 2.0" X 2.0" (5 X 5 cm) copper pad areass .

Parameter	Symbol	Test condition	Rating							Unit
			US3ABF	US3BBF	US3DBF	US3GBF	US3JBF	US3KBF	US3MBF	
Maximum Instantaneous Forward Voltage	V_F	I_F=3.0A	1.0			1.3	1.68			V
Maximum DC Reverse Current at Rated DC Blocking Voltage	I_R	T_a=25	5.0							uA
		T_a=125	100							
Maximum Reverse Recovery Time	T_{rr}	I_F=0.5A I_R=1.0A I_{rr}=0.25A	50				75			ns

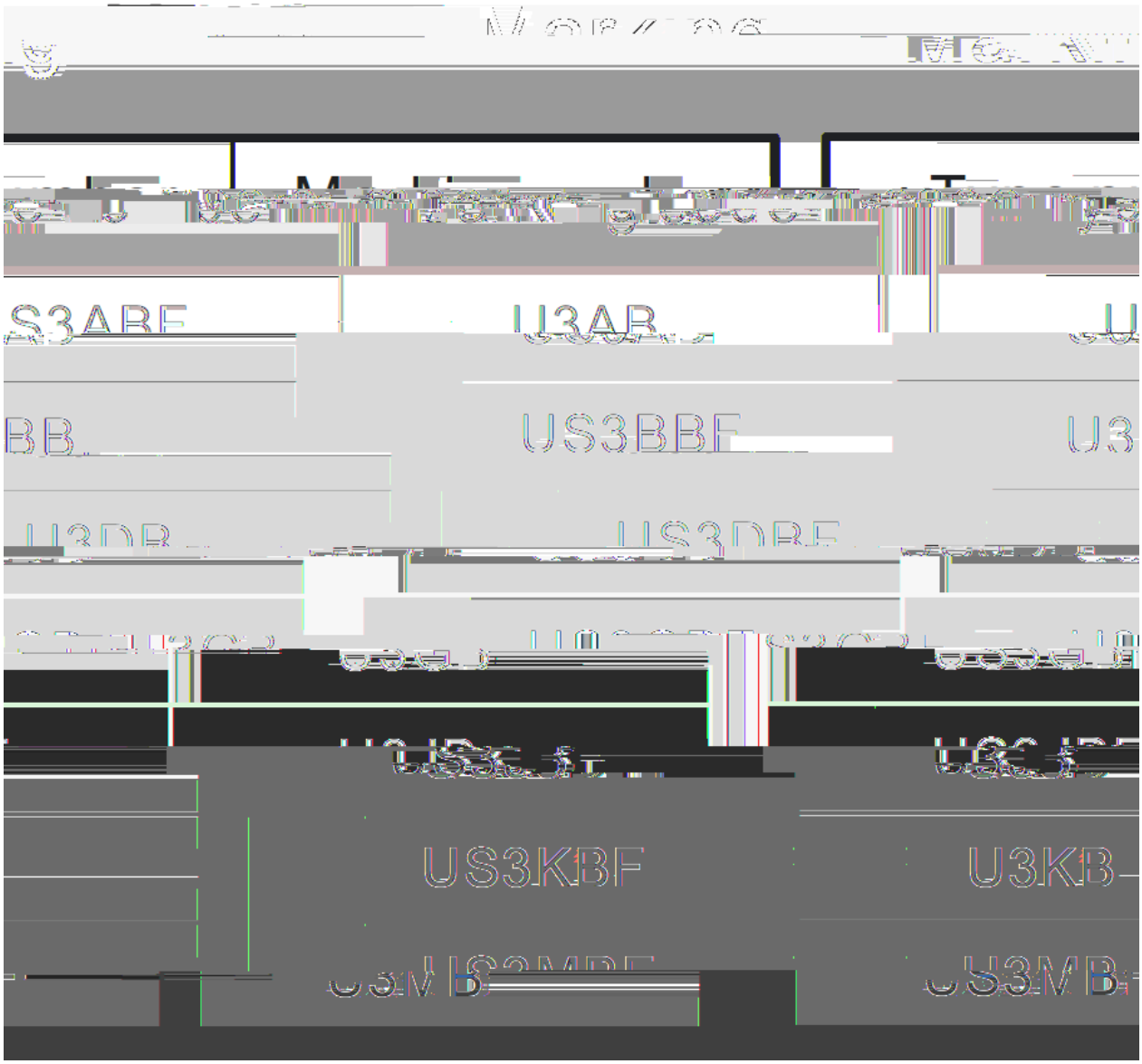
/ Package Dimensions

SMBF

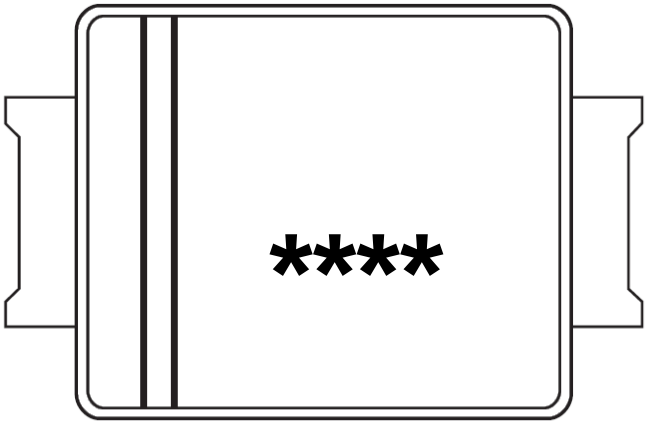


UNIT		A	C	D	E	H_E			
mm	max	1.3	0.26	4.4	3.7	5.5	2.2	1.0	
	min								
mil	max	51	10	173	146			40	
	min	43	7	165	138	200	75		

/ Marking Instructions



/ Marking Instructions



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Note:

Product Type Code

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

US3ABF~US3MBF

Rev.B May.-2019

DATA SHEET