@ *f* Parameter	… Z Symbol	*f* › Rating							% y Unit
		RS2AF	RS2BF	RS2DF	RS2GF	RS2JF	RS2KF	RS2MF	
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 Ta = 125	$I_{F\ AV}$ Å	2.0							A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	I_{FSM}	50							A
Typical Junction Capacitance [1] Å	C_j	35							pF
Typical Thermal Resistance [2] Å	$R_{\ JA}$	60							/W
Operating and Storage Temperature Range	T_j,T_{stg}	-55~+150							

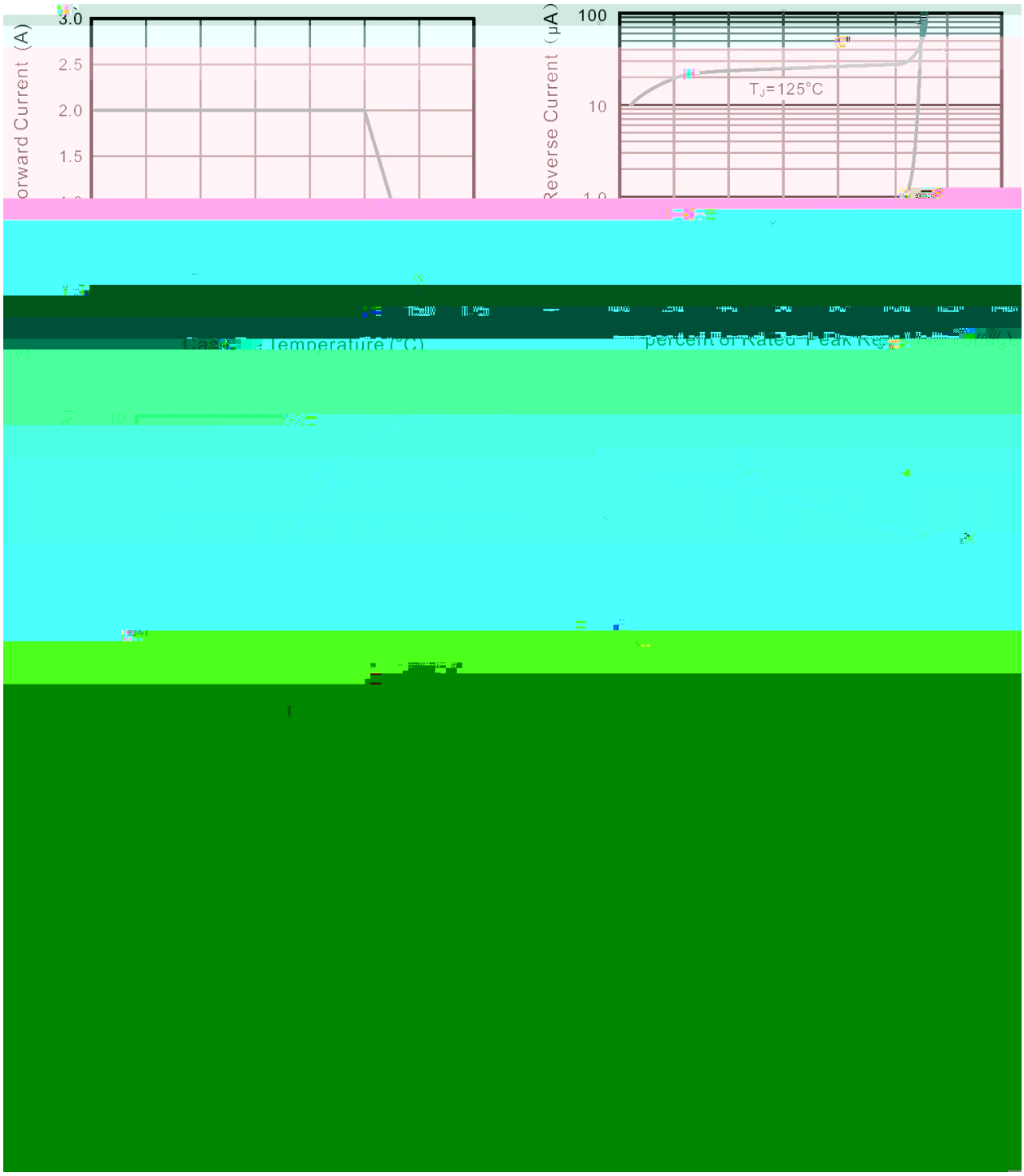
Note:

1)ËMeasured at 1MHz and applied reverse voltage of 4V D.C

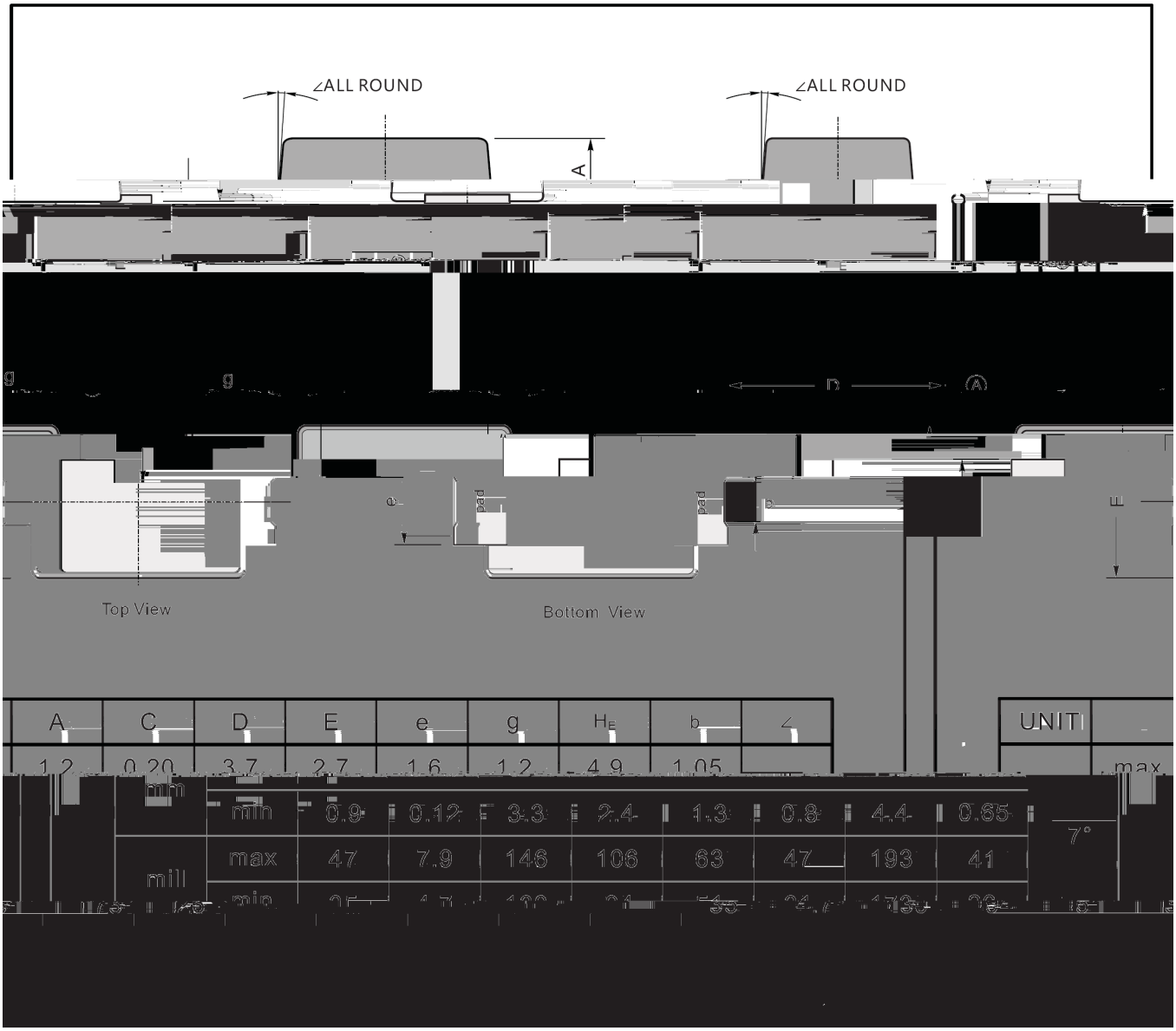
2 åP.C.B. mounted with 1.0 X 1.0" (2.54 X 2.54 cm) copper pad areas.

@ *f* Parameter	… Z Symbol	y ¡ Ú ^ Test Conditions	D Rating							% y Unit
			RS2AF	RS2BF	RS2DF	RS2GF	RS2JF	RS2KF	RS2MF	

Ô ? d • Ž ¢ / Electrical Characteristic Curve



Ø ¤ =) ¢ / Package Dimensions



	A	C	D	E	e	g	H_E	b	∠
mm	1.2	0.20	3.7	2.7	1.6	1.2	4.9	1.05	
mm	min	0.9	0.12	3.3	2.4	1.3	0.8	4.4	0.65
mm	max								7°
mil	max	47	7.9	146	106	63	47	193	41

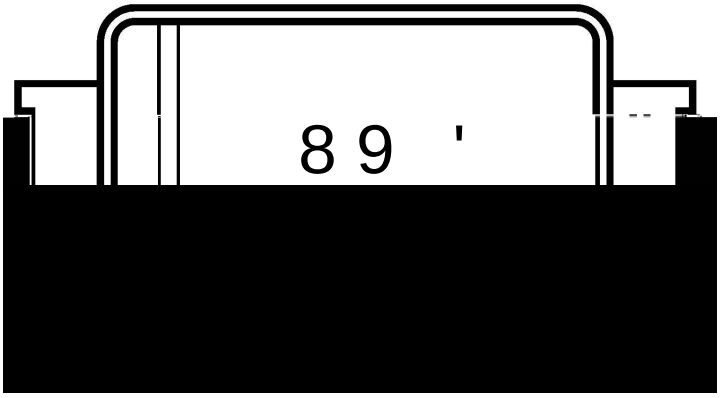
UNIT: max

, M y ƒ / Marking Instructions

Marking

Type number	Marking code
RS2AF	RS2A
RS2BF	RS2B
RS2DF	RS2D
RS2GF	RS2G
RS2JF	RS2J
RS2KF	RS2K
RS2MF	RS2M

, M y ƒ / Marking Instructions



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8 9 ' y º Z W A

**** y ÿ D Z AÇ A k † v Ã W A k e µ ¢ Ã 4 Z W A

Note:

8 9 ' y Product Type Code

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