



Sirectifier Global Corp.
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Testing Data Report

2007/10/24 PM 02:06:43	
LotNo: MBR20L150CT	
Samples	50
Part No	MBR20L150CT
Customer	SIRECT

device	SCHOTTKY	Package	TO-220AB	Tester	1	MPT6000T	Operator	0093	DateCode	
Source				Bin						
IF(A)	:10			VFM(mV)	:50		TRR_L(nS):0	TRR_L(nS):0	TRR_L(nS):0	
SI(mA)	:50	SI_T(mS)	:10				TRR_H(nS):0	TRR_H(nS):0	TRR_H(nS):0	
I1(mA)	:0.01	I1_T(mS)	:10	DVR1(V)	:50		VF_L(mV):700	VF_L(mV):0	VF_L(mV):0	
I2(mA)	:0.3	I2_T(mS)	:10	DVR2(V)	:10		VF_H(mV):915	VF_H(mV):0	VF_H(mV):0	
I3(mA)	:0.01	I3_T(mS)	:10				VB_L(V):151	VB_L(V):0	VB_L(V):0	
IR(uA)	:10	IR_T(mS)	:0				VB_H(V):225	VB_H(V):0	VB_H(V):0	
							VR(V):150	VR(V):0	VR(V):0	

Rcrrd#	Bin	VF N(mV)	VF R(mV)	VB N(V)	VB R(V)	IR N(uA)	IR R(uA)	Rcrrd#	Bin	VF N(mV)	VF R(mV)	VB N(V)	VB R(V)	IR N(uA)	IR R(uA)
1	1	779.30	779.00	162.12	161.74	0.1010	0.0990	2	1	785.60	784.30	168.64	165.94	0.0730	0.0750
3	1	782.60	782.90	169.38	168.78	0.0820	0.0810	4	1	781.60	781.00	162.34	166.28	0.0930	0.0900
5	1	786.70	787.30	169.47	168.93	0.0650	0.0670	6	1	777.90	778.60	162.00	166.56	0.0930	0.0640
7	1	782.70	784.70	159.12	165.03	0.0870	0.0810	8	1	780.10	781.20	165.53	168.47	0.0610	0.0620
9	1	780.40	781.30	156.34	164.63	0.0780	0.0750	10	1	779.80	780.30	168.65	162.86	0.0670	1.6110
11	1	780.10	780.60	167.07	164.87	0.0700	0.0780	12	1	780.90	781.00	164.66	165.85	0.0730	0.0720
13	1	787.30	788.10	167.95	167.01	0.0580	0.0580	14	1	789.80	789.00	168.99	168.85	0.0500	0.0530
15	1	789.30	789.20	180.88	179.30	0.1210	1.4110	16	1	786.90	787.30	183.68	184.57	0.1050	0.1040
17	1	787.80	787.30	167.44	168.12	0.0520	0.0500	18	1	786.20	786.40	164.82	164.90	0.0500	0.0490
19	1	787.00	787.00	163.00	163.42	0.0530	0.2590	20	1	788.40	787.80	181.43	183.00	0.1040	0.0990
21	1	787.20	787.20	182.60	182.83	0.1040	0.1140	22	1	785.90	786.20	180.11	181.37	0.1130	0.1210
23	1	788.10	788.40	186.87	178.68	0.7130	0.7260	24	1	785.30	785.30	189.03	188.20	0.6820	0.7620
25	1	784.90	785.30	166.73	167.99	0.0560	0.0560	26	1	784.70	782.90	167.53	158.42	0.0560	0.0670
27	1	784.40	783.80	166.76	164.79	0.0560	0.0560	28	1	786.70	787.00	167.30	167.51	0.0550	0.0670
29	1	785.20	785.80	159.33	159.07	0.0610	0.0880	30	1	789.00	789.30	168.38	159.15	0.0610	0.0900
31	1	784.70	784.40	166.31	166.99	0.0720	0.0610	32	1	783.50	784.90	165.96	167.39	0.0610	0.0590
33	1	786.70	788.20	167.22	169.46	0.0560	0.0580	34	1	785.50	785.90	164.44	165.22	0.0610	0.0590
35	1	786.50	786.50	179.33	177.16	0.1300	0.1280	36	1	786.10	785.80	177.58	173.57	0.1270	0.1340
37	1	785.50	786.20	180.37	181.67	0.1300	0.1240	38	1	786.20	786.50	180.25	182.05	0.1110	0.1080
39	1	786.90	787.20	180.86	182.66	0.1190	0.1020	40	1	787.00	787.30	181.91	182.06	0.1310	0.1210
41	1	784.70	786.40	182.08	181.47	0.1500	0.1160	42	1	776.70	777.30	164.01	165.68	0.0900	2.4340
43	1	782.70	782.40	170.33	170.13	0.0640	0.0650	44	1	780.90	780.30	172.30	169.80	0.0640	0.0650
45	1	783.00	783.20	168.41	168.12	0.0880	0.0870	46	1	782.30	781.30	170.03	167.92	0.0870	0.0870
47	1	779.50	780.30	168.02	168.71	0.0880	0.0900	48	1	782.10	783.30	173.28	172.41	0.0610	0.0680
49	1	781.50	782.10	161.91	162.32	0.0780	0.3310	50	1	783.60	784.70	165.43	167.08	0.0900	1.5670

Min	776.70	777.30	156.34	158.42	0.0500	0.0490
Max	789.80	789.30	189.03	188.20	0.7130	2.4340
Avg	784.35	784.59	170.56	170.38	0.1070	0.2510
Std	3.1429	3.0767	7.9463	7.6124	0.1245	0.4825

Approved By		Reviewed By		Created By	
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