

RECTRON Rectifiers



Products may be RoHS compliant. Check mouser.com for RoHS status.

DIMENSIONS: in.

A DO-214AC	B SM-1
C DO-201AD	D DB-S
E DB-1	F DB-S
G RS-1	H RB-15
I RC-2	J RS-2L
K BR-3	L RS-4L
M RS-4M	N RS-6 / RS-8
O BR-6	P BR-8
Q MP-15 / MP-25 / MP-35	R RS-6M / RM-8M / RM-15M / RM-20M

RECTRON GLASS PASSIVATED

Operating and storage temperature: -65°C to +175°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM (Surge) (A)	Price Each		
				1	100	500
1.0 Amp						
◆ 583-FM4001	A	50	30	.23	.159	.139
◆ 583-FM4002	A	100	30	.26	.183	.165
◆ 583-SM4003	B	200	30	.11	.09	.07
◆ 583-FM4004	A	400	30	.25	.17	.142
◆ 583-SM4004	B	400	30	.26	.177	.157
◆ 583-SM4007	B	1000	30	.38	.247	.207

RECTRON FAST RECOVERY, GLASS PASSIVATED

Specifications:

Operating temp.: -65°C to +150°C • Storage temp.: -65°C to +150°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	Trr (ns)	Price Each		
				1	100	500
3.0 Amp						
◆ 583-FR307G	C	1000	500	.82	.606	.476

RECTRON SUPER FAST RECOVERY

Specifications:

Operating temperature: -65°C to +150°C
Storage temperature: -65°C to +150°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	Trr (ns)	Price Each		
				1	100	500
1.0 Amp						
◆ 583-EDB104S	D	200	50	.90	.82	.71

RECTRON SCHOTTKY BARRIER

Specifications:

Operating temperature: -65°C to +125°C
Storage temperature: -65°C to +150°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	Trr (ns)	Price Each		
				1	100	500
1.0 Amp						
◆ 583-FM5817	A	20	25	.61	.465	.395
◆ 583-FM5818	A	30	25	.56	.435	.335
◆ 583-FM5819	A	40	25	.56	.435	.375

RECTRON BRIDGE RECTIFIERS



*UL File No. 94233

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	Trr (ns)	Price Each		
				1	100	500
1.0 Amp						
* 583-DB101	E	50	50	.38	.325	.275
* 583-DB102	E	100	50	.40	.345	.285
◆ 583-DB102S	F	100	50	.64	.582	.522
* 583-DB103	E	200	50	.43	.375	.315
* 583-DB104	E	400	50	.44	.385	.315
* 583-DB105	E	600	50	.48	.415	.345
* 583-DB107	E	1000	50	.56	.49	.40
* 583-RS101	G	50	30	.43	.38	.31
* 583-RS102	G	100	30	.45	.40	.33
* 583-RS105	G	600	30	.55	.466	.396
1.5 Amp						
* 583-RB151	H	50	50	.26	.22	.18
* 583-RB152	H	100	50	.27	.23	.19
* 583-RB153	H	200	50	.28	.24	.19
* 583-RB154	H	400	50	.29	.25	.20
* 583-RB155	H	600	50	.37	.31	.25
* 583-RB157	H	1000	50	.42	.36	.29

RECTRON BRIDGE RECTIFIERS (CONT.)



*UL File No. 94233

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM (Surge) (A)	Price Each		
				1	100	500
2.0 Amp						
583-RC201	I	50	60	.38	.327	.277
583-RC202	I	100	60	.39	.337	.277
583-RC203	I	200	60	.40	.35	.29
583-RC204	I	400	60	.42	.37	.31
583-RC205	I	600	60	.45	.403	.333
583-RC206	I	800	60	.51	.444	.374
* 583-RS201L	J	50	60	.54	.478	.408
* 583-RS202L	J	100	60	.54	.481	.411
* 583-RS203L	J	200	60	.56	.494	.424
* 583-RS204L	J	400	60	.57	.501	.431
* 583-RS205L	J	600	60	.60	.534	.454
* 583-RS206L	J	800	60	.64	.556	.476
* 583-RS207L	J	1000	60	.67	.594	.504
3.0 Amp						
* 583-BR305	K	50	50	.47	.414	.344
* 583-BR31	K	100	50	.49	.426	.356
* 583-BR32	K	200	50	.50	.432	.362
* 583-BR34	K	400	50	.52	.453	.373
* 583-BR36	K	600	50	.55	.47	.39
583-BR310	K	1000	50	.67	.583	.483
4.0 Amp						
* 583-RS401L	L	50	200	.86	.756	.626
* 583-RS402L	L	100	200	.86	.756	.626
* 583-RS403L	L	200	200	.93	.818	.678
* 583-RS404L	L	400	200	.95	.826	.686
* 583-RS405L	L	600	200	.98	.846	.706
* 583-RS406L	L	800	200	1.08	.945	.785
* 583-RS407L	L	1000	200	1.28	1.11	.92
* 583-RS405M	M	600	150	.99	.865	.715
6.0 Amp						
* 583-RS601	N	50	250	1.14	.986	.816
* 583-RS602	N	100	250	1.17	1.02	.84
* 583-RS604	N	400	250	1.32	1.14	.95
* 583-RS605	N	600	250	1.38	1.19	.99
* 583-RS606	N	800	250	1.62	1.41	1.16
583-RS607	N	1000	250	1.74	1.50	1.23
* 583-BR605	O	50	125	.84	.732	.602
* 583-BR61	O	100	125	.86	.742	.612
* 583-BR62	O	200	125	.96	.831	.681
* 583-BR64	O	400	125	1.03	.892	.732
* 583-BR66	O	600	125	1.07	.92	.75
* 583-BR68	O	800	125	1.20	1.04	.85
* 583-BR610	O	1000	125	1.40	1.20	.99
8.0 Amp						
583-RS802	N	100	250	1.24	1.08	.89
583-RS803	N	200	250	1.32	1.14	.95
583-RS804	N	400	250	1.37	1.19	.99
583-RS805	N	600	250	1.48	1.28	1.06
583-RS807	N	1000	250	1.84	1.60	1.31
* 583-BR81	P	100	125	.98	.852	.692
* 583-BR84	P	400	125	1.13	.973	.793
* 583-BR86	P	600	125	1.20	1.03	.85
10 Amp						
* 583-BR1005	P	50	200	1.10	.95	.77
* 583-BR101	P	100	200	1.12	.96	.78
* 583-BR102	P	200	200	1.13	.975	.795
* 583-BR104	P	400	200	1.20	1.03	.85
* 583-BR106	P	600	200	1.27	1.09	.90
* 583-BR108	P	800	200	1.40	1.20	.99
583-BR1010	P	1000	200	1.64	1.41	1.15
15 Amp						
* 583-MP1505	Q	50	300	2.67	2.29	1.86
* 583-MP151	Q	100	300	2.74	2.36	1.91
* 583-MP152	Q	200	300	2.80	2.40	1.94
* 583-MP154	Q	400	300	2.85	2.44	1.98
583-RS1505M	R	600	250	2.37	2.05	1.67
583-RS1507M	R	1000	250	3.00	2.57	2.10
25 Amp						
* 583-MP251	Q	100	300	2.79	2.40	1.94
* 583-MP252	Q	200	300	2.83	2.43	1.97
* 583-MP254	Q	400	300	2.90	2.49	2.01
* 583-MP256	Q	600	300	2.99	2.56	2.08
35 Amp						
* 583-MP3505	Q	50	400	2.89	2.48	2.01
* 583-MP351	Q	100	400	2.94	2.52	2.04
* 583-MP352	Q	200	400	2.96	2.54	2.06
* 583-MP354	Q	400	400	3.32	2.85	2.30
* 583-MP356	Q	600	400	3.58	3.07	2.48
* 583-MP3510	Q	1000	400	4.05	3.47	2.80