

Semiconductors-Discretes

Schottky Barrier Rectifiers

Detailed product specifications are available on: us.100y.com.tw

MD3CC

Dim.	Inches		Millimeters		Notes
	Min	Max	Min	Max	
A	---	3.630	---	92.20	
B	0.700	0.800	17.78	20.32	
C	---	0.630	---	16.00	
E	0.120	0.130	3.05	3.30	
F	0.490	0.510	12.45	12.95	
G	1.375	BSC	34.92	BSC	
H	0.010	---	0.25	---	
N	---	---	---	---	1/4-20
Q	0.275	0.290	6.99	7.37	
R	3.150	BSC	80.01	BSC	Dia.
U	0.600	---	15.24	---	
V	0.312	0.340	7.92	8.64	
W	0.180	0.195	4.57	4.95	Dia.

SMD CRS08

SC-67

SOD-123

DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.055	0.071	1.40	1.80
B	0.100	0.112	2.55	2.85
C	0.037	0.053	0.95	1.35
D	0.020	0.028	0.50	0.70
E	0.004	---	0.25	---
H	0.000	0.004	0.00	0.10
J	---	0.006	---	0.15
K	0.140	0.152	3.55	3.85

TO-220AC

Dimensions in millimeters and (inches)

TO-220AB

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.560	0.625	14.22	15.88	
B	0.380	0.420	9.65	10.67	
C	0.100	0.135	2.54	3.43	
D	0.230	0.270	5.84	6.86	
E	0.380	0.420	9.65	10.67	
F	---	0.250	---	6.35	
G	0.500	0.580	12.70	14.73	
H	0.090	0.110	2.29	2.79	
I	0.020	0.045	0.51	1.14	
J	0.012	0.025	0.30	0.64	
K	0.139	0.161	3.53	4.09	Φ
L	0.140	0.190	3.56	4.83	
M	0.045	0.055	1.14	1.40	
N	0.080	0.115	2.03	2.92	

PIN 1, PIN 2, PIN 3, CASE

DO-204AL (DO-41)

Dimensions in inches and (millimeters)

TO-262

Dimensions in millimeters and (inches)

Part No.	Product No.	Manufacturer	Description	Pins/Package	Vrrm	IF (A)	Marking
32159	CPT30050	Micro-semi	Schottky PowerMod	MD3CC	50V	300A	
41136	CRS08	TOSHIBA	TOSHIBA Schottky Barrier Rectifier Schottky Barrier Type	SMD	30V	1.5A	
38540	ESAC82M-004	Fuji Elect	SCHOTTKY BARRIER DIODE	SC-67	40V	10A	
41921	MBR0520LT1G	ON-Semi.	0.5A 20V Schottky Rectifier	SOD-123	20V	0.5A	
17015	MBR0530T1	ON-Semi.	Schottky Power Rectifier	SOD-123	30V	0.5A	
20155	MBR0540T1	ON-Semi.	Surface Mount Schottky Power Rectifier	SOD-123	40V	0.5A	
41922	MBR120LSFT1G	ON-Semi.	1A 20V Schottky Rectifier	SOD-123	20V	1A	
39595	MBR130T1	ON-Semi.	ON_Surface Mount Schottky Power Rectifier	SOD-123	30V	1A	S3
41924	MBR140SFT1G	ON-Semi.	1A 40V Schottky Rectifier	SOD-123	40V	1A	
41925	MBR160	ON-Semi.	1A 60V Schottky Rectifier	DO-41	60V	1A	
35057	MBR1645	IR	SCHOTTKY RECTIFIER	2P/TO-220AC	45V	16A	
23780	MBR1645CT	Fairchild	Schottky Barrier Rectifier(=PBYR1645)	3P/TO-220	45V	16A	
35061	MBR20100CT-1	IR	SCHOTTKY RECTIFIER	TO-262	100V	20A	
41927	MBR20100CTG	ON-Semi.	20A 100V Schottky Rectifier	TO-220	100V	20A	
35060	MBR20100CTKPB	IR	SCHOTTKY RECTIFIER	TO-220AB	100V	20A	
41928	MBR2535CTG	ON-Semi.	25A 35V Schottky Rectifier	TO-220	35V	25A	
41930	MBR2545CTG	ON-Semi.	SWITCHMODE Power Rectifiers	TO-220	45V	25A	

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