

# Schottky Barrier Rectifiers

Type Number	Maximum Peak Reverse Voltage		Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed		Maximum Reverse Current @ PRV		Maximum Forward Voltage @ 25° T <sub>C</sub>	
	PRV		I <sub>O</sub> @ T <sub>C</sub>		I <sub>FM</sub> (Surge)		I <sub>R</sub> @ T <sub>C</sub>		I <sub>FM</sub>	V <sub>FM</sub>
	V <sub>PK</sub>	A <sub>AV</sub>	°C		A <sub>PK</sub>		mAdc	°C	A <sub>PK</sub>	V <sub>PK</sub>

## 15 Ampere Schottky/TO-220

LITEON



MBR1530CT	30	15	105	150	0.1	25	7.5	0.70
MBR1535CT	35	15	105	150	0.1	25	7.5	0.70
MBR1540CT	40	15	105	150	0.1	25	7.5	0.70
MBR1545CT	45	15	105	150	0.1	25	7.5	0.70
MBR1550CT	50	15	105	150	1.0	25	7.5	0.75
MBR1560CT	60	15	105	150	1.0	25	7.5	0.75

NOTE: Center Tap, Common Cathode

## 16/20 Ampere Schottky/TO-220

LITEON



SBL1630CT	30	16	95	200	0.5	25	8.0	0.55
SBL1635CT	35	16	95	200	0.5	25	8.0	0.55
SBL1640CT	40	16	95	200	0.5	25	8.0	0.55
SBL1645CT	45	16	95	200	0.5	25	8.0	0.55
SBL1650CT	50	16	95	200	0.5	25	8.0	0.70
SBL1660CT	60	16	95	200	0.5	25	8.0	0.70
SBL2030CT	30	20	105	250	1.0	25	10	0.60
SBL2035CT	35	20	105	250	1.0	25	10	0.60
SBL2040CT	40	20	105	250	1.0	25	10	0.60
SBL2045CT	45	20	105	250	1.0	25	10	0.60
SBL2050CT	50	20	105	250	1.0	25	10	0.75
SBL2060CT	60	20	105	250	1.0	25	10	0.75

NOTE: Center Tap, Common Cathode

## 20 Ampere Schottky/TO-220

LITEON



MBR2030CT	30	20	130	150	0.1	25	20	0.84
MBR2035CT	35	20	130	150	0.1	25	20	0.84
MBR2040CT	40	20	130	150	0.1	25	20	0.84
MBR2045CT	45	20	130	150	0.1	25	20	0.84
MBR2050CT	50	20	130	150	0.1	25	20	0.95
MBR2060CT	60	20	130	150	0.1	25	20	0.95

NOTE: Center Tap, Common Cathode

## 30/40 Ampere Schottky/TO-3P

LITEON



SBL3030PT	30	30	105	275	1.0	25	15	0.55
SBL3035PT	35	30	105	275	1.0	25	15	0.55
SBL3040PT	40	30	105	275	1.0	25	15	0.55
SBL3045PT	45	30	105	275	1.0	25	15	0.55
SBL3050PT	50	30	105	275	1.0	25	15	0.70
SBL3060PT	60	30	105	275	1.0	25	15	0.70
MBR3030PT	30	30	105	200	1.0	25	20	0.65
MBR3035PT	35	30	105	200	1.0	25	20	0.65
MBR3040PT	40	30	105	200	1.0	25	20	0.65
MBR3045PT	45	30	105	200	1.0	25	20	0.65
MBR3050PT	50	30	105	200	5.0	25	20	0.75
MBR3060PT	60	30	105	200	5.0	25	20	0.75
MBR4030PT	30	40	125	400	10	25	20	0.70
MBR4035PT	35	40	125	400	10	25	20	0.70
MBR4040PT	40	40	125	400	10	25	20	0.70
MBR4045PT	45	40	125	400	10	25	20	0.70

NOTE: Center Tap, Common Cathode

OPERATING/STORAGE TEMPERATURE -65°C to +150°C