

SCHOTTKY RECTIFIER DIODES, MODULE, SINGLE, CENTER

ISI Part Number	Maximum Average Rectified Current @ T _a		Peak Inverse Voltage	Peak Forward Surge Current @ 8.3ms Superimposed	Maximum Fwd Voltage @ Rated I _f & T _a =25°C	Maximum Reverse Current @ T _a =25°C		Typical Junction Capacitance at 1.0 MHz		Outline					
	I _a (A)	T _a (°C)				I _r (mA)	V _r (V)	C (pF)	V _r (V)						
SSM6030 SSM6040 SSM6045 SSM6050	60	140	30	1000	.80	3.0	30	2700	5.0						
40			.80								3.0	30	2700	5.0	
45															
50															
SSM10030 SSM10040 SSM10045 SSM10050	100	140	30	2000	.80	4.0	40	4600	5.0						
40			.80									4.0	40	4600	5.0
45															
50															

	Inches		Millimeters		Notes
	Min	Max	Min	Max	
A	0.700	2.300	17.78	58.42	Dia
B	0.625	0.800	15.87	20.32	
C	0.120	0.130	3.05	3.30	
E	0.280	0.310	6.86	7.11	
F	0.600	0.600	15.24		
H	0.490	0.510			
K	0.050	0.050		1.27	
L	1.775	BSC	45.08	BSC	
M					
N				1/4-20 UNC	

MODULE - Single/Center

SCHOTTKY RECTIFIER DIODES, MODULE, SINGLE, SIDE

ISI Part Number	Maximum Average Rectified Current @ T _a		Peak Inverse Voltage	Peak Forward Surge Current @ 8.3ms Superimposed	Maximum Fwd Voltage @ Rated I _f & T _a =25°C	Maximum Reverse Current @ T _a =25°C		Typical Junction Capacitance at 1.0 MHz		Outline					
	I _a (A)	T _a (°C)				I _r (mA)	V _r (V)	C (pF)	V _r (V)						
SSMA6030 SSMA6040 SSMA6045 SSMA6050	60	140	30	1000	.80	3.0	30	2700	5.0						
40			.80								3.0	30	2700	5.0	
45															
50															
SSMA10030 SSMA10040 SSMA10045 SSMA10050	100	140	30	2000	.80	4.0	40	4600	5.0						
40			.80									4.0	40	4600	5.0
45															
50															

	Inches		Millimeters		Notes
	Min	Max	Min	Max	
A	0.700	3.630	17.78	92.2	Dia
B	0.625	0.800	15.87	20.32	
C	0.120	0.130	3.05	3.30	
E	0.490	0.510	12.45	12.95	
F	0.010	0.010	0.25		
G	0.275	0.290	6.99	7.37	
H	0.600	0.600	15.24		
N	0.180	0.195	4.57	4.95	
U	0.688	BSC	17.46	BSC	
V	3.150	BSC	80.01	BSC	

MODULE - Single/Side