

SCHOTTKY RECTIFIER DIODES, METAL PACKAGES

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 _F (A)	T _J (°C)	PIV (V)	I _{FSM} (Amps)	V _{FM} (Volts)	I _R (mA)	V _R (V)	C (pF)	V _R (V)	Inches/millimeters
1N5823 1N5824 1N5825	5.0	80	20 30 40	500	.360 .370 .380	10	20 30 40	n/a		
SBR2520 SBR2525 SBR2530 SBR2535 SBR2540 SBR2545	25	100	20 25 30 35 40 45	600	.580	2.0	20 25 30 35 40 45	1200	5.0	
SBR3035 SBR3040 SBR3045 SBR3050	30	145	35 40 45 50	600	.630	1.5	35 40 45 50	1800	5.0	
SD4135 SD4145	30	140	35 45	600	.680	1.5	35 45	1350	5.0	
SBR6030 SBR6035 SBR6040 SBR6045	60	89	30 35 40 45	1000	.60	2.0	30 35 40 45	2700	5.0	
SD5135 SD5145	60	135	35 45	800	.70	2.0	35 45	2300	5.0	
SBR8035 SBR8040 SBR8045 SBR8050	85	89	35 40 45 50	1200	.74	2.0	35 40 45 50	2300	5.0	