

SUPER FAST RECOVERY DIODE

Operating Temperature: -50°C to 150°C

Part Number	Cross-Reference	Max.Average Rect. Current	Peak Inverse Voltage	Peak Fwd Surge Current @ 8.3ms Superimposed	Max Forward Voltage @ Ta 25°C @ Rated PIV	Max. Reverse Current @ 25°C @ Rated PIV	Max Reverse Recovery Time @ Rated PIV	Package	Outline (Dimensions in mm)
		I _O (A)	PIV(V)	I _{FSM} (A)	V _{FM} (V)	I _R (mA)	T _{RR} (ns)	7"/13" Reel	
ES3A		3.0A	50	100	0.95	5	35	850/3500	
ES3B		3.0A	100	100	0.95	5	35	850/3500	
ES3C		3.0A	150	100	0.95	5	35	850/3500	
ES3D		3.0A	200	100	0.95	5	35	850/3500	
ES3E		3.0A	300	100	1.25	5	35	850/3500	
ES3G		3.0A	400	100	1.25	5	35	850/3500	
ES3J		3.0A	500	100	1.7	5	35	850/3500	

ES1_ & ES2_ are on the previous page.

SCHOTTKY DIODE

Operating Temperature: -65°C to 150°C

RFE Part Number	Cross-Reference	Max.Average Rect. Current	Peak Inverse Voltage	Peak Fwd Surge Current @ 8.3ms Superimposed	Max Forward Voltage @ Ta 25°C @ Rated PIV	Max. Reverse Current @ 25°C @ Rated PIV	Package	Outline (Dimensions in mm)
		I _O (A)	PIV(V)	I _{FSM} (A)	V _{FM} (V)	I _R (mA)	7"/13" Reel	
LL5817		1.0 A	20	25	0.45	1.0	1500/5000	
LL5818		1.0 A	30	25	0.55	1.0	1500/5000	
LL5819		1.0 A	40	25	0.60	1.0	1500/5000	
SS12		1.0 A	20	30	0.50	0.5	1800/7500	
SS13		1.0 A	30	30	0.50	0.5	1800/7500	
SS14		1.0 A	40	30	0.50	0.5	1800/7500	
SS15		1.0 A	50	30	0.75	0.5	1800/7500	
SS16		1.0 A	60	30	0.75	0.5	1800/7500	
SS19		1.0 A	90	30	0.79	0.5	1800/7500	
SS1B		1.0 A	100	30	0.79	0.5	1800/7500	
SS22		2.0 A	20	50	0.50	0.5	750/3200	
SS23		2.0 A	30	50	0.50	0.5	750/3200	
SS24		2.0 A	40	50	0.50	0.5	750/3200	
SS25		2.0 A	50	50	0.70	0.5	750/3200	
SS26		2.0 A	60	50	0.70	0.5	750/3200	
SS29		2.0 A	90	50	0.79	0.1	750/3200	
SS2B		2.0 A	100	50	0.79	0.1	750/3200	
SS32		3.0 A	20	100	0.50	0.5	850/3500	
SS33		3.0 A	30	100	0.50	0.5	850/3500	
SS34		3.0 A	40	100	0.50	0.5	850/3500	
SS35		3.0 A	50	100	0.75	0.5	850/3500	
SS36		3.0 A	60	100	0.75	0.5	850/3500	
SS39		3.0 A	90	100	0.79	0.6	850/3500	
SS3B		3.0 A	100	100	0.79	0.6	850/3500	

GLASS PASSIVATED BRIDGE RECTIFIER

Operating Temperature: -65°C to 150°C

RFE Part Number	Cross-Reference	Max.Average Rect. Current	Peak Inverse Voltage	Peak Fwd Surge Current @ 8.3ms Superimposed	Max Forward Voltage @ Ta 25°C @ Rated PIV	Max. Reverse Current @ 25°C @ Rated PIV	Package	Outline (Dimensions in mm)
		I _O (A)	PIV(V)	I _{FSM} (A)	V _{FM} (V)	I _R (mA)	Tube	
MB2S		0.5 A	200	30	1.0	5.0		
MB4S		0.5 A	400	30	1.0	5.0		
MB6S		0.5 A	600	30	1.0	5.0		
S40		0.8 A	80	30	1.2	10		
S80		0.8 A	160	30	1.2	10		
S125		0.8 A	250	30	1.2	10		
S250		0.8 A	500	30	1.2	10		
S380		0.8 A	800	30	1.2	10		
S500		0.8 A	1000	30	1.2	10		
DBS101G	DF005S	1.0 A	50	50	1.1	10.0	100 tubes of 50	
DBS102G	DF01	1.0 A	100	50	1.1	10.0		
DBS103G	DF02	1.0 A	200	50	1.1	10.0		
DBS104G	DF04	1.0 A	400	50	1.1	10.0		
DBS105G	DF06	1.0 A	600	50	1.1	10.0		
DBS106G	DF08	1.0 A	800	50	1.1	10.0		
DBS107G	DF10	1.0 A	1000	50	1.1	10.0		
DBS151G		1.5 A	50	50	1.1	10.0	100 tubes of 50	
DBS152G		1.5 A	100	50	1.1	10.0		
DBS153G		1.5 A	200	50	1.1	10.0		
DBS154G		1.5 A	400	50	1.1	10.0		
DBS155G		1.5 A	600	50	1.1	10.0		
DBS156G		1.5 A	800	50	1.1	10.0		
DBS157G		1.5 A	1000	50	1.1	10.0		