

HIGH POWER STANDARD RECOVERY RECTIFIERS STUD DEVICES

Part No.	Maximum Recurrent Peak Reverse Voltage	Maximum Average Forward Rectified Current		Peak forward Surge Current 8.3ms Single Half Sine-Wave Superimposed On Rated Load	Maximum DC Instantaneous Reverse Current @V _{RRM}		Maximum Instantaneous Forward Voltage @25°C	
	V _{RRM}	I _o @T _c		I _{FSM}	I _R @T _j		V _F	I _F
		A	°C		A	@25°C		
	V _{PK}				μA	mA		

300AMP / GLASS PASSIVATED / DO-9(DO-205AB)

SEE THE PACKAGE ON PAGE 46

S300B(R)	100	300	130	6850	10	12	1.2	300
S300D(R)	200	300	130	6850	10	12	1.2	300
S300E(R)	300	300	130	6850	10	12	1.2	300
S300G(R)	400	300	130	6850	10	12	1.2	300
S300J(R)	600	300	130	6850	10	12	1.2	300

T_j and T_{stg} of -60°C to +200°C

I_{FSM} for 25°C

★I_R@T_j=175°C

With Suffix R for Stud Reverse Polarity(Anode to Stud)



300AMP / GLASS PASSIVATED / DO-9(DO-205AB)

SEE THE PACKAGE ON PAGE 46

S300Y(R)	1600	300	120	8640	10	12	1.2	300
S300Z(R)	2000	300	120	8640	10	12	1.2	300

T_j of -40°C to +180°C

T_{stg} of -40°C to +200°C

I_{FSM} for 25°C

With Suffix R for Stud Reverse Polarity(Anode to Stud)



320AMP / GLASS PASSIVATED / DO-9(DO-205AB)

SEE THE PACKAGE ON PAGE 46

S320J(R)	600	320	100	4700	10	12	1.4	320
S320K(R)	800	320	100	4700	10	12	1.4	320
S320M(R)	1000	320	100	4700	10	12	1.4	320
S320Q(R)	1200	320	100	4700	10	12	1.4	320

T_j and T_{stg} of -40°C to +180°C

I_{FSM} for 25°C

With Suffix R for Stud Reverse Polarity(Anode to Stud)



380AMP / GLASS PASSIVATED / DO-9(DO-205AB)

SEE THE PACKAGE ON PAGE 46

S380Y(R)	1600	380	100	6335	10	12	1.5	380
S380Z(R)	2000	380	100	6335	10	12	1.5	380

T_j and T_{stg} of -40°C to +180°C

T_{stg} of -55°C to +200°C

I_{FSM} for 25°C

★I_R@T_j=150°C

With Suffix R for Stud Reverse Polarity(Anode to Stud)



400AMP / GLASS PASSIVATED / DO-9(DO-205AB)

SEE THE PACKAGE ON PAGE 46

S400K(R)	800	400	120	8640	10	12	1.2	400
S400Q(R)	1200	400	120	8640	10	12	1.2	400
S400Y(R)	1600	400	120	8640	10	12	1.2	400

T_j and T_{stg} of -40°C to +200°C

I_{FSM} for 25°C

With Suffix R for Stud Reverse Polarity(Anode to Stud)