

HIGH POWER SUPER FAST 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		Maximum Reverse Recovery Time
	V _{RRM}	I _o @T _c		I _{FSM}	I _R @T _j		V _F	I _F	T _{rr}
		A	°C		A	@25°C			



50AMP / GLASS PASSIVATED / DO-5

SEE THE PACKAGE ON PAGE 38

MUR5005(R)	50	50	125	600	10	3	1.00	50	75
MUR5010(R)	100	50	125	600	10	3	1.00	50	75
MUR5020(R)	200	50	125	600	10	3	1.00	50	75
MUR5040(R)	400	50	125	600	10	3	1.30	50	75
MUR5060(R)	600	50	125	600	10	3	1.70	50	90

T_j and T_{stg} of -65°C to +175°C

I_{FSM} for 25°C

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



70AMP / GLASS PASSIVATED / DO-5

SEE THE PACKAGE ON PAGE 38

MUR7005(R)	50	70	125	1000	25	3	1.00	70	75
MUR7010(R)	100	70	125	1000	25	3	1.00	70	75
MUR7020(R)	200	70	125	1000	25	3	1.00	70	75
MUR7040(R)	400	70	125	1000	25	3	1.30	70	75
MUR7060(R)	600	70	125	1000	25	3	1.70	70	90

T_j and T_{stg} of -65°C to +175°C

I_{FSM} for 25°C

With Suffix " R " for Cathode