

HIGH POWER SUPER FAST RECOVERY RECTIFIERS

LEADED DEVICES

Part No.	Maximum Recurrent Peak Reverse Voltage	Maximum Average Forward Rectified Current at Per Pak		Peak forward Surge Current 8.3ms Single Half Sine-Wave Superimposed On Rated Load at Per leg	Maximum DC Instantaneous Reverse Current at Per leg @V _{RRM}		Maximum Instantaneous Forward Voltage at Per leg @25°C		Maximum Reverse Recovery Time at Per leg
	V _{RRM}	I _O @T _c		I _{FSM}	I _R @T _j		V _F	I _F	T _{rr}
		A	°C		A	@25°C			



100AMP / GLASS PASSIVATED / TO-224AB(FULL PAK)

SEE THE PACKAGE ON PAGE 43

MURF10005(R)	50	100	140	400	25	3	1.30	50	75
MURF10010(R)	100	100	140	400	25	3	1.30	50	75
MURF10020(R)	200	100	140	400	25	3	1.30	50	75
MURF10040(R)	400	100	140	400	25	3	1.50	50	90
MURF10060(R)	600	100	140	400	25	3	1.70	50	110

T_j and T_{stg} of -40°C to +175°C

I_{FSM} for 25°C

With Suffix " R " for Common Anode to baseplate



200AMP / GLASS PASSIVATED / TO-224AB(FULL PAK)

SEE THE PACKAGE ON PAGE 43

MURF20005(R)	50	200	140	800	25	3	1.30	100	75
MURF20010(R)	100	200	140	800	25	3	1.30	100	75
MURF20020(R)	200	200	140	800	25	3	1.30	100	75
MURF20040(R)	400	200	140	800	25	3	1.50	100	90
MURF20060(R)	600	200	140	800	25	3	1.70	100	110

T_j and T_{stg} of -40°C to +175°C

I_{FSM} for 25°C

With Suffix " R " for Common Anode to baseplate



300AMP / GLASS PASSIVATED / TO-224AB(FULL PAK)

SEE THE PACKAGE ON PAGE 43

MURF30005(R)	50	300	140	1500	25	3	1.30	150	75
MURF30010(R)	100	300	140	1500	25	3	1.30	150	75
MURF30020(R)	200	300	140	1500	25	3	1.30	150	75
MURF30040(R)	400	300	140	1500	25	3	1.50	150	110
MURF30060(R)	600	300	140	1500	25	3	1.70	150	150

T_j and T_{stg} of -40°C to +175°C

I_{FSM} for 25°C

With Suffix " R " for Common Anode to baseplate



400AMP / GLASS PASSIVATED / TO-224AB(FULL PAK)

SEE THE PACKAGE ON PAGE 43

MURF40005(R)	50	300	140	1500	25	3	1.30	150	90
MURF40010(R)	100	300	140	1500	25	3	1.30	150	90
MURF40020(R)	200	300	140	1500	25	3	1.30	150	90
MURF40040(R)	400	300	140	1500	25	3	1.50	150	150
MURF40060(R)	600	300	140	1500	25	3	1.70	150	180

T_j and T_{stg} of -40°C to +175°C

I_{FSM} for 25°C

With Suffix " R " for Common Anode to baseplate