

# HIGH POWER STANDARD RECOVERY RECTIFIERS

## THREE TOWER 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 <sub>RRM</sub>		Maximum Instantaneous Forward Voltage @25°C	
	V <sub>RRM</sub>	I <sub>o</sub> @T <sub>c</sub>		I <sub>FSM</sub>	I <sub>R</sub> @T <sub>j</sub>		V <sub>F</sub>	I <sub>F</sub>
		A	°C		A	@25°C μA		
	V <sub>PK</sub>	A	°C	A	μA	mA	V	A



### 150AMP / GLASS PASSIVATED / THREE TOWER

SEE THE PACKAGE ON PAGE 47

MSRT15060(A)	600	150	140	2250	10	5	1.20	150
MSRT15080(A)	800	150	140	2250	10	5	1.20	150
MSRT150100(A)	1000	150	140	2250	10	5	1.20	150
MSRT150120(A)	1200	150	140	2250	10	5	1.20	150
MSRT150140(A)	1400	150	140	2250	10	5	1.20	150
MSRT150160(A)	1600	150	140	2250	10	5	1.20	150

T<sub>j</sub> and T<sub>stg</sub> of -40°C to +175°C

I<sub>FSM</sub> for 25°C



### 200AMP / GLASS PASSIVATED / THREE TOWER

SEE THE PACKAGE ON PAGE 47

MSRT20060(A)	600	200	140	3000	10	5	1.20	200
MSRT20080(A)	800	200	140	3000	10	5	1.20	200
MSRT200100(A)	1000	200	140	3000	10	5	1.20	200
MSRT200120(A)	1200	200	140	3000	10	5	1.20	200
MSRT200140(A)	1400	200	140	3000	10	5	1.20	200
MSRT200160(A)	1600	200	140	3000	10	5	1.20	200

T<sub>j</sub> and T<sub>stg</sub> of -40°C to +175°C

I<sub>FSM</sub> for 25°C



### 250AMP / GLASS PASSIVATED / THREE TOWER

SEE THE PACKAGE ON PAGE 47

MSRT25060(A)	600	250	140	3300	15	5	1.20	250
MSRT25080(A)	800	250	140	3300	15	5	1.20	250
MSRT250100(A)	1000	250	140	3300	15	5	1.20	250
MSRT250120(A)	1200	250	140	3300	15	5	1.20	250
MSRT250140(A)	1400	250	140	3300	15	5	1.20	250
MSRT250160(A)	1600	250	140	3300	15	5	1.20	250

T<sub>j</sub> and T<sub>stg</sub> of -40°C to +175°C

I<sub>FSM</sub> for 25°C