

# SCHOTTKY BARRIER RECTIFIERS

02 DE 7610240 0000019 0

OPERATING AND STORAGE TEMPERATURE - 65°C to +150°C

TYPE	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Reverse Current @ PRV @ 25°C T <sub>A</sub>		Maximum Forward Voltage @ 25°C T <sub>A</sub>	
	PRV	I <sub>o</sub> @ T <sub>C</sub>		I <sub>FM</sub> (Surge)	I <sub>R</sub> @ T <sub>C</sub>		I <sub>FM</sub>	V <sub>FM</sub>
	V <sub>PK</sub>	A <sub>AV</sub>	°C	A <sub>PK</sub>	mAdc	°C	A <sub>PK</sub>	V <sub>PK</sub>

## 120 AMPERES-SCHOTTKY MODULE/SRM (CASE 13)



SRM1220	20	120	125	800	20	25	120	0.83
SRM1230	30	120	125	800	20	25	120	0.83
SRM1235	35	120	125	800	20	25	120	0.83
SRM1240	40	120	125	800	20	25	120	0.83
SRM1245	45	120	125	800	20	25	120	0.83

Coming Soon, Sample Available in 3rd Quarter of 1987



## 200 AMPERES-SCHOTTKY MODULE/SRM (CASE 13)

SRM2020	20	200	125	1500	30	25	200	0.825
SRM2030	30	200	125	1500	30	25	200	0.825
SRM2035	35	200	125	1500	30	25	200	0.825
SRM2040	40	200	125	1500	30	25	200	0.825
SRM2045	45	200	125	1500	30	25	200	0.825

Coming Soon, Sample Available in 3rd Quarter of 1987

# SUPER FAST RECTIFIERS

OPERATING AND STORAGE TEMPERATURE -65°C to +150°C

TYPE	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Reverse Current @ PRV @ 25°C T <sub>A</sub>	Maximum Forward Voltage @ 25°C T <sub>A</sub>		Maximum Reverse Recovery Time
	PRV	I <sub>o</sub> @ T <sub>A</sub>		I <sub>FM</sub> (Surge)	I <sub>R</sub>	I <sub>FM</sub>	V <sub>FM</sub>	T <sub>rr</sub>
	V <sub>PK</sub>	A <sub>AV</sub>	°C	A <sub>PK</sub>	μAdc	A <sub>PK</sub>	V <sub>PK</sub>	nS

## 1.0 AMPERE-SUPER FAST/DO-41 (CASE 4)

SF11	50	1.0	55	30	5.0	1.0	0.95	35
SF12	100	1.0	55	30	5.0	1.0	0.95	35
SF13	150	1.0	55	30	5.0	1.0	0.95	35
SF14	200	1.0	55	30	5.0	1.0	0.95	35
SF15	300	1.0	55	30	5.0	1.0	1.25	35
SF16	400	1.0	55	30	5.0	1.0	1.25	35

## 2.0 AMPERES-SUPER FAST/DO-15 (CASE 5)

SF21	50	2.0	55	75	5.0	2.0	0.95	35
SF22	100	2.0	55	75	5.0	2.0	0.95	35
SF23	150	2.0	55	75	5.0	2.0	0.95	35
SF24	200	2.0	55	75	5.0	2.0	0.95	35
SF25	300	2.0	55	75	5.0	2.0	1.25	35
SF26	400	2.0	55	75	5.0	2.0	1.25	35