

# HIGH VOLTAGE RECTIFIERS

OPERATING AND STORAGE TEMPERATURE - 65°C to +175°C

SURGE PART NUMBER	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>	V <sub>FM</sub>	V <sub>FM</sub>	T <sub>rr</sub>
	V <sub>PK</sub>	mA <sub>AV</sub>	°C	A <sub>PK</sub>	μA <sub>dc</sub>	A <sub>PK</sub>	V <sub>PK</sub>	nS

## HIGH VOLTAGE 500 & 200m AMPERES/DO-41 & DO-15 (CASE 5/6)

R1200	1200	500	50	30	5.0	0.5	2.0	—
R1500	1500	500	50	30	5.0	0.5	2.0	—
R1800	1800	500	50	30	5.0	0.5	2.0	—
R2000	2000	200	50	30	5.0	0.2	2.0	—
R2500	2500	200	50	30	5.0	0.2	2.0	—
R3000	3000	200	50	30	5.0	0.2	2.0	—
R4000	4000	200	50	30	5.0	0.2	3.5	—
R5000	5000	200	50	30	5.0	0.2	3.5	—

Standard size is DO-41. For DO-15, add 15 suffix (i.e. R120015)

## HIGH VOLTAGE 500 & 200m AMPERES/DO-41 & DO-15 (CASE 5/6)

R1200F	1200	500	50	30	5.0	0.5	2.5	500
R1500F	1500	500	50	30	5.0	0.5	2.5	500
R1800F	1800	500	50	30	5.0	0.5	2.5	500
R2000F	2000	200	50	30	5.0	0.2	3.5	500
R2500F	2500	200	50	30	5.0	0.2	3.5	500
R3000F	3000	200	50	30	5.0	0.2	3.5	500
R4000F	4000	200	50	30	5.0	0.2	5.5	500

Standard size is DO-41. For DO-15, add 15 suffix (i.e. R1200F15)

## HIGH VOLTAGE FAST RECOVERY 1.0 AMPERE/DO-41 (CASE 5)

BA157	400	1.0	50	30	5.0	1.0	1.3	150
BA158	600	1.0	50	30	5.0	1.0	1.3	150
BA159	800	1.0	50	30	5.0	1.0	1.3	250