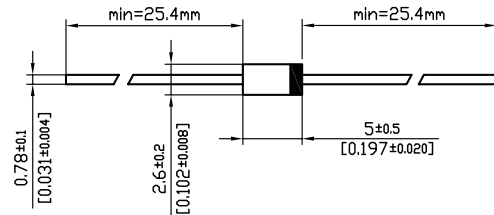
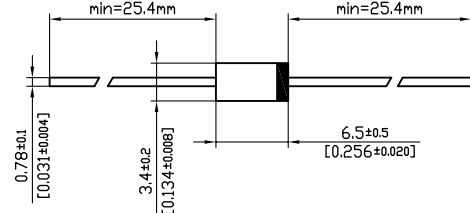


### DO-41 4000V High Voltage Diodes



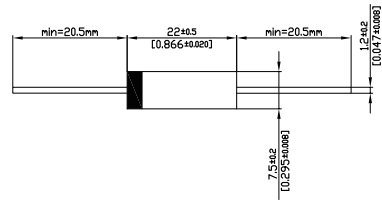
TYPE	Repetitive Peak Reverse Voltage	Maximum Average Rectified Current		Maximum Forward Peak Surge Current	Maximum Forward Voltage		Maximum Reverse Current		Junction Temperature	Reverse recovery time
	VRRM	IF(AV)@Tc		IFSM	VF @IF		IRRM @TA		TJM	Trr
	( V )	( mA )	( °C )	( A )	( V )	( mA )	25°C ( μA )	125°C ( μA )	( °C )	( ns )
FSHV40N	4000	10	110	30	3.8	10	1	300	150	800

### DO-15 4000V High Voltage Diodes



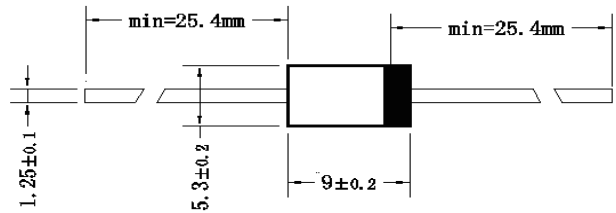
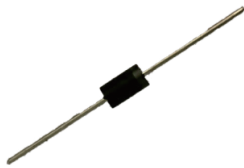
TYPE	Repetitive Peak Reverse Voltage	Maximum Average Rectified Current		Maximum Forward Peak Surge Current	Maximum Forward Voltage		Maximum Reverse Current		Junction Temperature	Reverse recovery time
	VRRM	IF(AV)@Tc		IFSM	VF @IF		IRRM @TA		TJM	Trr
	( V )	( mA )	( °C )	( A )	( V )	( mA )	25°C ( μA )	125°C ( μA )	( °C )	( ns )
SF1H	1000	1.5	100	100	1.8	1.5	1	25	125	70
SF2H	2000	1.5	100	100	3.5	1.5	1	25	125	70
SF3H	3000	1	100	60	6.0	1	1	25	125	70
SF4H	4000	0.5	100	60	8.0	0.5	1	25	125	70
SF6H	6000	0.5	100	30	11	0.5	1	25	125	70
SF8H	8000	0.1	100	30	13	0.1	1	25	125	70
SU1H/BYX131P	1000	1.5	100	100	1.5	1.5	1	25	125	/
SU2H/BYX132P	2000	1.5	100	100	3.0	1.5	1	25	125	/
SU3H/BYX133P	3000	1	100	60	5.0	1	1	25	125	/
SU4H/BYX134P	4000	0.5	100	60	7.0	0.5	1	25	125	/
SU6H/BYX136P	6000	0.5	100	30	10	0.5	1	25	125	/
SU8H/BYX138P	8000	0.1	100	30	12	0.1	1	25	125	/

### DO-206 8000V High Voltage Diodes



TYPE	Repetitive Peak Reverse Voltage	Maximum Average Rectified Current		Maximum Forward Peak Surge Current	Maximum Forward Voltage		Maximum Reverse Current		Junction Temperature	Reverse recovery time
	VRRM	IF(AV)@Tc		IFSM	VF @IF		IRRM @TA		TJM	Trr
	( V )	( mA )	( °C )	( A )	( V )	( mA )	25°C ( μA )	125°C ( μA )	( °C )	( ns )
SHV-08	8000	350	55	20	12.0	350	10	500	120	150
SHV-09	9000	350	55	20	13.0	350	10	500	120	150
SHV-12	12000	350	55	20	11.0	350	5	500	120	/

### DO-201 Fast Recovery Diode (Two Pins)



Specifications	Average Rectified Current Io/A	Peak Repetitive Reverse Voltage VRRM/V	Typical Forward Voltage Drop VF/V	Maximum Reverse Current IR/uA	Typical Reverse Recovery Time TRR/ns	Minimal Peak Forward Surge Current IFSM/A
SF31G	3	50	1	5	30	120
SF32G		100		5	30	120
SF33G		150		5	30	120
SF34G		200		5	30	120
SF35G		300	1.1	5	30	120
SF36G		400		5	30	120
SF37G		500		5	30	120
SF38G		600		5	30	120
SF51G	5	50	0.95	5	35	150
SF52G		100		5	35	150
SF53G		150		5	35	150
SF54G		200		5	35	150
SF55G		300	1.3	5	35	150
SF56G		400		5	35	150
SF57G		500		5	35	150
SF58G		600		5	35	150