

# **SENSITRON**

## **SEMICONDUCTOR**

SS4464/US to SS4494/US

### TECHNICAL DATA DATA SHEET 5079, Rev -

#### Zener 1.5W DIODE

- Ultra-low reverse leakage current
- Zener voltage available from 36V to 160V
- Sharp Zener knee
- Metallurgically bonded
- Hermetic, non-cavity glass package

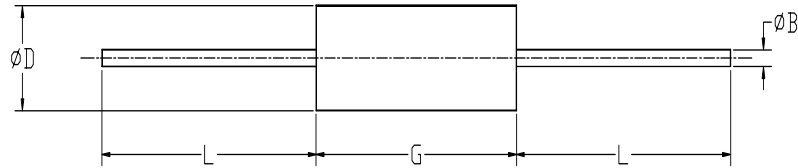
Electrical characteristics – Temperature 25°C unless otherwise noted

Part Number	Nominal Zener Voltage V <sub>Z</sub>	Test current I <sub>ZT</sub>	Max Dynamic Impedance Z <sub>ZK</sub> @ I <sub>ZK</sub>	Max Knee Impedance I <sub>ZK</sub> @ I <sub>ZK</sub>		Max Continuous Current I <sub>ZM</sub>	Max Surge Current I <sub>ZSM</sub>	Maximum Reverse Current I <sub>R</sub> @ V <sub>R</sub>	
				Ω	mA			μA	V
SS4464/US	9.1	28.0	4	500	0.5	157	1.6	.30	5.46
SS4465/US	10.0	25.0	5	500	.25	143	1.4	.30	8.00
SS4466/US	11.0	23.0	6	550	.25	130	1.3	.30	8.80
SS4467/US	12.0	21.0	7	550	.25	119	1.2	.20	9.60
SS4468/US	13.0	19.0	8	550	.25	110	1.1	.05	10.40
SS4469/US	15.0	17.0	9	600	.25	95	.95	.05	12.00
SS4470/US	16.0	15.5	10	600	.25	90	.90	.05	12.80
SS4471/US	18.0	14.0	11	650	.25	79	.79	.05	14.40
SS4472/US	20.0	12.5	12	650	.25	71	.71	.05	16.00
SS4473/US	22.0	11.5	14	650	.25	65	.65	.05	17.60
SS4474/US	24.0	10.5	16	700	.25	60	.60	.05	19.20
SS4475/US	27.0	9.5	18	700	.25	53	.53	.05	21.60
SS4476/US	30.0	8.5	20	750	.25	48	.48	.05	24.00
SS4477/US	33.0	7.5	25	800	.25	43	.43	.05	26.40
SS4478/US	36.0	7.0	27	850	.25	40	.40	.05	28.80
SS4479/US	39.0	6.5	30	900	.25	37	.37	.05	31.20
SS4480/US	43.0	6.0	40	950	.25	33	.33	.05	34.40
SS4481/US	47.0	5.5	50	1000	.25	30	.30	.05	37.60
SS4482/US	51.0	5.0	60	1100	.25	28	.28	.05	40.80
SS4483/US	56.0	4.5	70	1300	.25	26	.26	.25	44.80
SS4484/US	62.0	4.0	80	1500	.25	23	.23	.25	49.60
SS4485/US	68.0	3.7	100	1700	.25	21	.21	.25	54.40
SS4486/US	75.0	3.3	130	2000	.25	19	.19	.25	60.40
SS4487/US	82.0	3.0	160	2500	.25	17	.17	.25	65.60
SS4488/US	91.0	2.8	200	3000	.25	16	.16	.25	72.80
SS4489/US	100.0	2.5	250	3100	.25	14	.14	.25	80.00
SS4490/US	110.0	2.0	300	4000	.25	13	.13	.25	88.00
SS4491/US	120.0	2.0	400	4500	.25	12	.12	.25	96.00
SS4492/US	130.0	1.9	500	5000	.25	11	.11	.25	104.00
SS4493/US	150.0	1.7	700	6000	.25	9.5	.095	.25	120.00
SS4494/US	160.0	1.6	1000	6500	.25	8.9	.089	.25	128.00

\* Dc TA=+150°C IR2

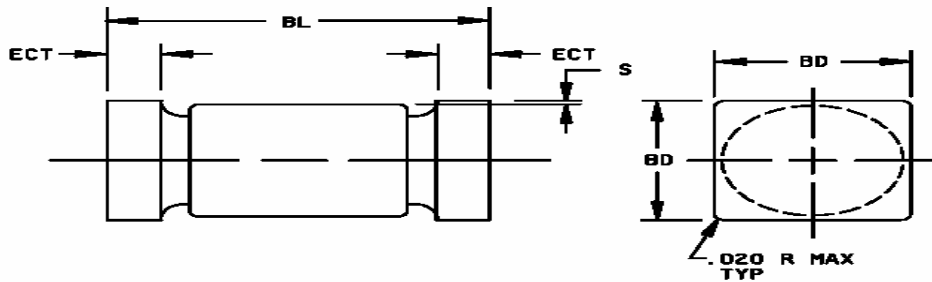
**SENSITRON**

**TECHNICAL DATA**  
**DATA SHEET 5079, Rev -**



**1N4478 thru 1N4494**

PACKAGE STYLE	DIMENSIONS - INCHES ( MILLIMETERS)			
	$\phi B$	$\phi D$	G	L
Similar to DO-41 (AXIAL)	.028/.032 0.71/0.81	.060/.085 1.52/2.16	.106/.160 2.69/4.06	.80/1.30 20.32/33.02



**1N4478U thru 1N4494U**

PACKAGE STYLE	DIMENSIONS - INCHES ( MILLIMETERS)			
	BL	BD	S	ECT
MELF	.168/.200 4.27/5.08	.091/.103 2.31/2.62	0.003 Min 0.08min	.019/.028 0.48/0.71

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