

# ZENER DIODES

CASE : DO-41

PART NO.	Zener Breakdown Voltage	Dynamic Impedances @ 25°C T <sub>A</sub>				Maximum Reverse Current @ Measurement Voltage and 25°C T <sub>A</sub>		Maximum Forward Voltage @ 25°C T <sub>A</sub> and I <sub>F</sub> = 1.0A	
		V <sub>Z</sub>	I <sub>ZT</sub>	Z <sub>ZT</sub>	I <sub>ZK</sub>	Z <sub>ZK</sub>	V <sub>R</sub>	I <sub>R</sub>	V <sub>F</sub>
		V	mA	Ohms	mA	Ohms	V	µA	V
Z90	90	2.7	250	.25	2000	70	0.5	1.0	
Z100	100	2.5	350	.25	3000	75	0.5	1.0	
Z105	105	2.4	400	.25	3500	77	0.5	1.0	
Z110	110	2.3	450	.25	4000	80	0.5	1.0	
Z115	115	2.2	500	.25	4250	85	0.5	1.0	
Z120	120	2.1	550	.25	4500	90	0.5	1.0	
Z130	130	1.9	700	.25	5000	95	0.5	1.0	
Z135	135	1.85	750	.25	5250	100	0.5	1.0	
Z140	140	1.8	800	.25	5500	105	0.5	1.0	
Z150	150	1.7	1000	.25	6000	110	0.5	1.0	
Z160	160	1.6	1100	.25	6500	120	0.5	1.0	
Z170	170	1.5	1200	.25	6750	130	0.5	1.0	
Z180	180	1.4	1350	.25	7000	140	0.5	1.0	
Z190	190	1.3	1500	.25	7500	150	0.5	1.0	
Z200	200	1.2	1700	.25	8000	160	0.5	1.0	
Z220	220	1.1	2000	.25	8250	170	0.5	1.0	
Z240	240	1.0	2200	.25	8500	180	0.5	1.0	
Z270	270	0.9	2500	.25	8750	200	0.5	1.0	
Z300	300	0.8	3000	.25	9000	220	0.5	1.0	
Z330	330	0.75	4000	.25	9500	240	0.5	1.0	

NOTES : 1. Operating and storage temperature -65°C to +175°C

2. Standard tolerance ±20%, suffix "A" : ±10%

**RECTRON**  
SEMICONDUCTOR