

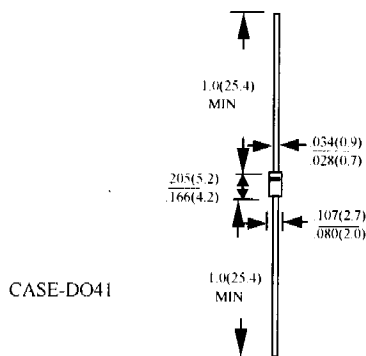
Z110  
THRU  
Z330

**FEATURES**

- PLASTIC PACKAGE HAS UNDERWRITERS LABORATORY FLAMMABILITY CLASSIFICATION 94V-0
- LOW ZENER IMPEDANCE
- EXCELLENT CLAMPING CAPABILITY

**MECHANICAL DATA**

- CASE : MOLDED PLASTIC
- TERMINALS : AXIAL LEADS, SOLDERABLE PER MIL-STD-202, METHOD 208
- POLARITY : COLOR BAND DENOTES CATHODE
- MOUNTING POSITION : ANY
- WEIGHT : 0.34 GRAM

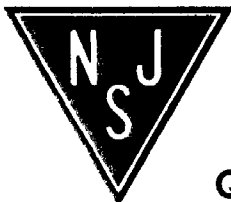


DIMENSIONS IN INCHES AND (MILLIMETERS)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS  
RATINGS AT 25°C AMBIENT TEMPERATURE UNLESS OTHERWISE SPECIFIED  
STORAGE AND OPERATING TEMPERATURE RANGE -55 TO + 150°C

ELECTRICAL CHARACTERISTICS (TA=25°C UNLESS OTHERWISE NOTED) VF=1.2V MAX, IF = 200mA FOR ALL TYPES								
TYPE	ZENER BREAKDOWN VOLTAGE	DYNAMIC IMPEDANCES @ 25°C TA				MAXIMUM REVERSE CURRENT @ MEASUREMENT VOLTAGE AND 25°C TA		MAXIMUM FORWARD VOLTAGE @ 25°C TA @ IF=1.0A
	Vz	IzT	ZzT	IzK	ZzK	Vr	Ir	Vf
	V	mA	ohms	mA	ohms	V	µA	V
Z110	110	5	750	0.25	5000	80	0.5	1.0
Z115	115	5	750	0.25	5000	85	0.5	1.0
Z120	120	5	850	0.25	5000	90	0.5	1.0
Z130	130	5	1000	0.25	5000	95	0.5	1.0
Z140	140	5	1200	0.25	5000	105	0.5	1.0
Z150	150	5	1300	0.25	5000	110	0.5	1.0
Z160	160	5	1500	0.25	5000	120	0.5	1.0
Z170	170	5	2200	0.25	5000	130	0.5	1.0
Z180	180	5	2200	0.25	5000	140	0.5	1.0
Z190	190	5	2500	0.25	5000	150	0.5	1.0
Z200	200	5	2500	0.25	8000	165	0.5	1.0
Z210	210	5	5000	0.25	9000	165	0.5	1.0
Z220	220	5	5000	0.25	9000	170	0.5	1.0
Z230	230	5	5000	0.25	9000	175	0.5	1.0
Z240	240	5	5000	0.25	9000	180	0.5	1.0
Z250	250	5	5000	0.25	9000	190	0.5	1.0
Z260	260	5	5000	0.25	9000	195	0.5	1.0
Z270	270	5	5000	0.25	9000	200	0.5	1.0
Z280	280	5	5000	0.25	9000	210	0.5	1.0
Z290	290	5	5000	0.25	9000	215	0.5	1.0
Z300	300	5	5000	0.25	9000	220	0.5	1.0
Z310	310	5	5000	0.25	9500	225	0.5	1.0
Z320	320	5	5000	0.25	9500	233	0.5	1.0
Z330	330	5	5000	0.25	9500	240	0.5	1.0

NOTE : STANDARD ± 20%. SUFFIX "A" ± 10%. SUFFIX "B" ± 5%



NJ Semi-Conductors reserves the right to change test conditions, parameter limits and package dimensions without notice. Information furnished by NJ Semi-Conductors is believed to be both accurate and reliable at the time of going to press. However, NJ Semi-Conductors assumes no responsibility for any errors or omissions discovered in its use. NJ Semi-Conductors encourages customers to verify that datasheets are current before placing orders.

Quality Semi-Conductors