



# Frontier Electronics Corp.

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## 1 WATT ZENER DIODE

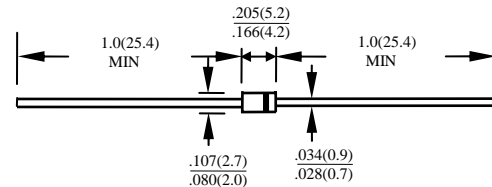
### Z10-100 THRU Z10-330

#### FEATURES

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

#### MECHANICAL DATA

- CASE: MOLDED PLASTIC, DO41, DIMENSIONS IN INCHES AND (MILLIMETERS)
- TERMINALS: AXIAL LEADS, SOLDERABLE PER MIL-STD-202, METHOD 208
- POLARITY: COLOR BAND DENOTES CATHODE
- WEIGHT: 0.34 GRAMS
- MOUNTING POSITION: ANY



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS RATINGS AT 25°C AMBIENT TEMPERATURE UNLESS OTHERWISE SPECIFIED STORAGE AND OPERATING TEMPERATURE RANGE -55°C 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		
		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	mA	ohms	mA	ohms	V	μA
Z10-100	100	5	750	0.25	5000	75	0.5	
Z10-110	110	5	750	0.25	5000	80	0.5	
Z10-115	115	5	750	0.25	5000	85	0.5	
Z10-120	120	5	850	0.25	5000	90	0.5	
Z10-130	130	5	1000	0.25	5000	95	0.5	
Z10-140	140	5	1200	0.25	5000	105	0.5	
Z10-150	150	5	1300	0.25	5000	110	0.5	
Z10-160	160	5	1500	0.25	5000	120	0.5	
Z10-170	170	5	2200	0.25	5000	130	0.5	
Z10-180	180	5	2200	0.25	5000	140	0.5	
Z10-190	190	5	2500	0.25	5000	150	0.5	
Z10-200	200	5	2500	0.25	8000	165	0.5	
Z10-210	210	5	5000	0.25	9000	165	0.5	
Z10-220	220	5	5000	0.25	9000	170	0.5	
Z10-230	230	5	5000	0.25	9000	175	0.5	
Z10-240	240	5	5000	0.25	9000	180	0.5	
Z10-250	250	5	5000	0.25	9000	190	0.5	
Z10-260	260	5	5000	0.25	9000	195	0.5	
Z10-270	270	5	5000	0.25	9000	200	0.5	
Z10-280	280	5	5000	0.25	9000	210	0.5	
Z10-290	290	5	5000	0.25	9000	215	0.5	
Z10-300	300	5	5000	0.25	9000	220	0.5	
Z10-310	310	5	5000	0.25	9500	225	0.5	
Z10-320	320	5	5000	0.25	9500	233	0.5	
Z10-330	330	5	5000	0.25	9500	240	0.5	

NOTE : STANDARD ±20%, SUFFIX "A" ±10%, SUFFIX "B" ±5% ,SUFFIX "T" ±10V