Frontier Electronics Corp.

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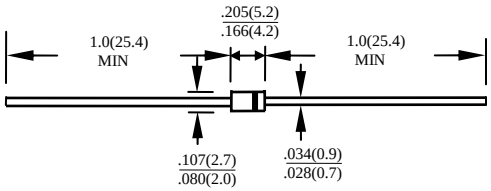
1 WATT ZENER DIODE
Z10-100 THRU Z10-330

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℃UNLESS OTHERWISE NOTED) VF=1.2V MAX, IF = 200mA FOR ALL TYPES

TYPE	ZENER BREAKDOWN VOLTAGE	DYNAMIC IMPEDANCES @ 25℃TA				MAXIMUM REVERSE CURRENT @ MEASUREMENT VOLTAGE AND 25℃TA	
	V_Z	I_{ZT}	Z_{ZT}	I_{ZK}	Z_{ZK}	V_R	I_R
	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