



# Frontier Electronics Corp.

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## 1WATT ZENER DIODE

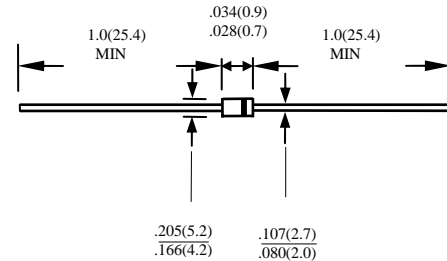
### ZSL10-200B

#### 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 GRAM
- 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)						
TYPE	ZENER BREAKDOWN VOLTAGE	DYNAMIC IMPEDANCES		MAXIMUM REVERSE CURRENT		MAXIMUM FORWARD VOLTAGE
		@ 25°C TA		@ MEASUREMENT VOLTAGE AND 25°C TA		
		$I_{ZT}$	$Z_{ZT}$	$V_R$	$I_R$	
	$V_Z$	$\mu A$	ohms	V	$\mu A$	V
ZSL10-200B	200	30	9500	171	0.1	1.2

NOTE: SUFFIX " B "  $\pm 5\%$

# RATING AND CHARACTERISTIC CURVES ZSL10-200B

FIG. 1 - MAXIMUM CONTINUOUS POWER DISSIPATION

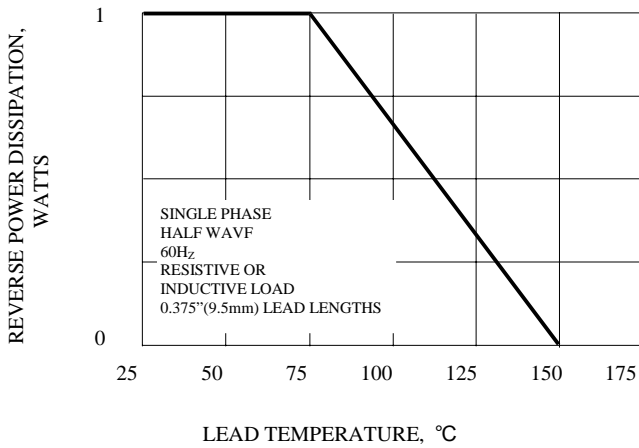


FIG. 2 - ZENER VOLTAGE VERSUS ZENER CURRENT

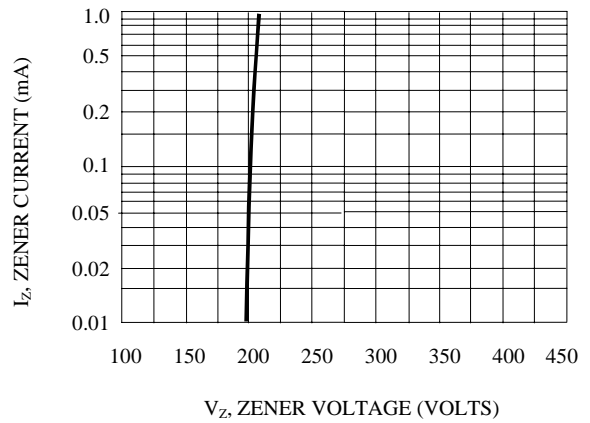


FIG. 3 - TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

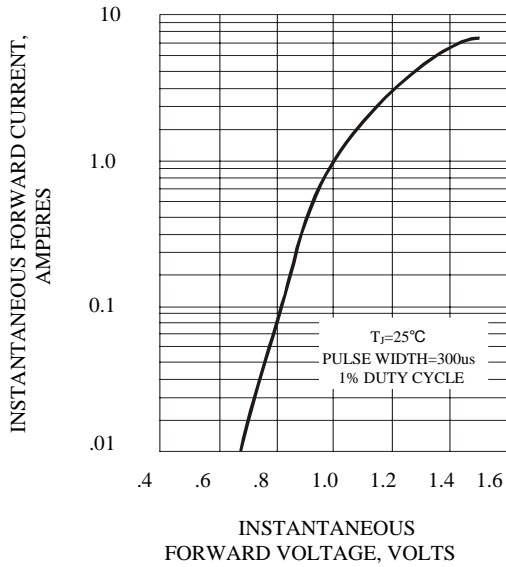


FIG. 4 - TYPICAL REVERSE CHARACTERISTICS

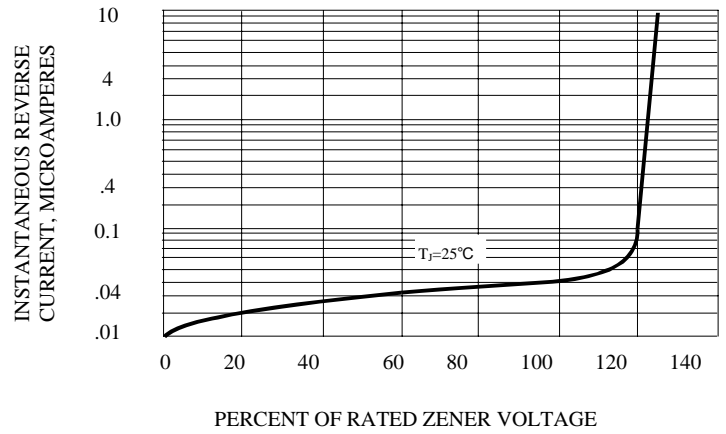


FIG. 5 - TYPICAL TEMPERATURE COEFFICIENTS

