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1WATT ZENER DIODE

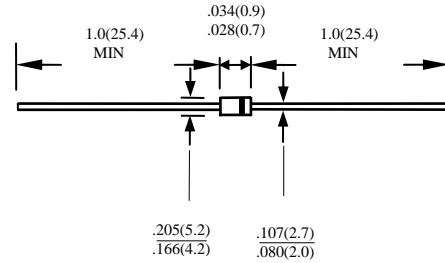
ZUL10-400B AND ZUL10-600B

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 @ 25°C TA		MAXIMUM REVERSE CURRENT @ MEASUREMENT VOLTAGE AND 25°C TA		MAXIMUM FORWARD VOLTAGE @25°C TA @IF=0.2A
		I_{ZT} μ A	Z_{ZT} ohms	V_R V	I_R μA	
ZUL10-400B	400	50	9800	342	0.1	2.4
ZUL10-600B	600	50	9800	513	0.1	2.4

NOTE: SUFFIX " B " ±5%

RATING AND CHARACTERISTIC CURVES ZUL10-400B AND ZUL10-600B

FIG. 1 - MAXIMUM CONTINUOUS POWER DISSIPATION

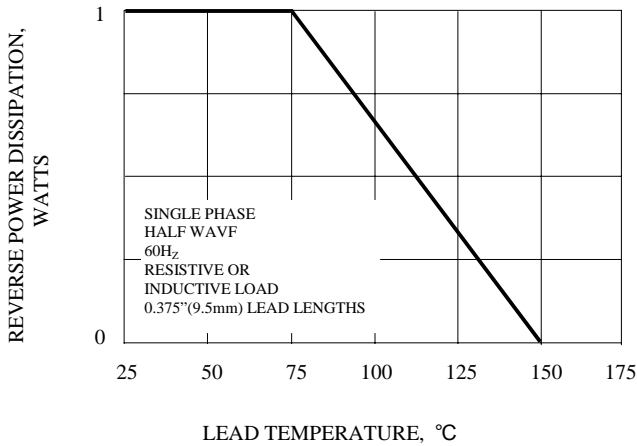


FIG. 2 - ZENER VOLTAGE VERSUS ZENER CURRENT

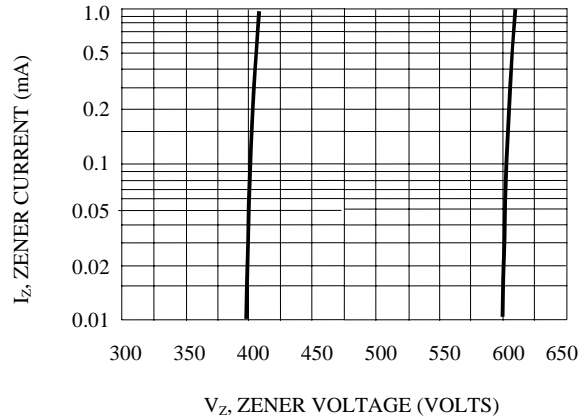


FIG. 3 - TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

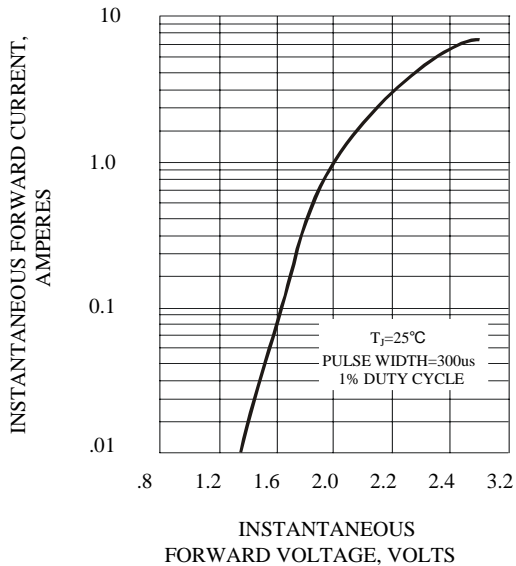


FIG. 4 - TYPICAL REVERSE CHARACTERISTICS

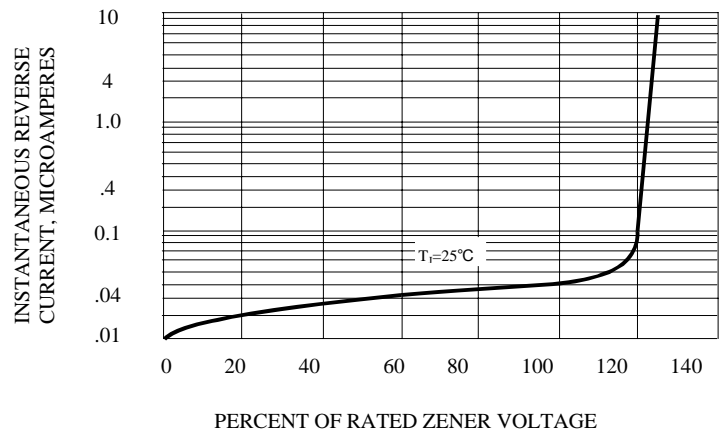


FIG. 5 - TYPICAL TEMPERATURE COEFFICIENTS

