

This high voltage fast recovery diode was developed for assembly or encapsulation and is intended primarily for use as a building block in the assembly of high voltage circuits for black / white TV and similar service.

ABSOLUTE MAXIMUM RATINGS

	Peak Reverse Voltage - Repetitive	VRWM max.	30,000 Volts
*	Average Forward Current	IF(AV)max.	10 mA
*	Peak Forward Current - Repetitive	^I FRM max.	200 mA
**	Operating Temperature	TA	+100 °C
	Storage Temperature Range	T _{STG}	-55°C to +150 °C

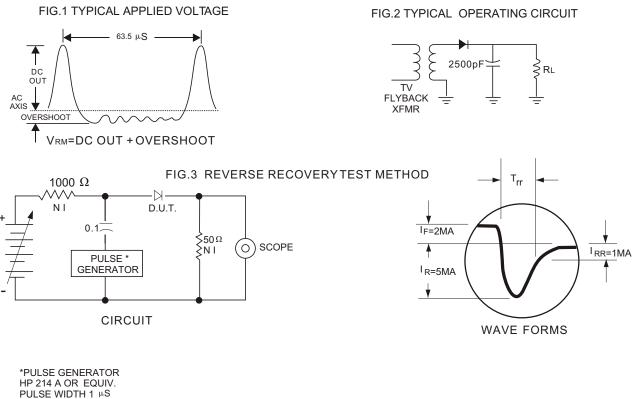
*Pulse rectifier service -TV deflection system, duty cycle approximately 15% of one horizontal cycle. Approximately 10 μsec at a repetition rate of 15,750 Hz **See Figure 2(over)

ELECTRICAL CHARACTERISTICS (@ T_A=25 °C, Unless Otherwise indicated.)

	Forward Voltage VF@IF=5 mA	45V max.
*	Reverse Current IR @ V _R =30KV	1uA max.
*	Reverse Current @ T _A =100 °C,IR @ V _R =30KV	10uA max.
	Reverse Recovery time (Fig.3) trr	100 nanosec max.
	Max. Surge Current	3A

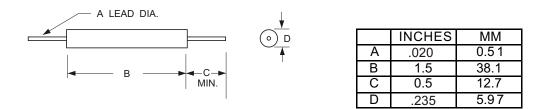
* Tested in suitable dielectric medium

EDI reserves the right to change these specifications at any time without notice.



REP.RATE 10 HKZ

FIG.4 MECHANICAL OUTLINE



Notes: 1.molding material rated UL94V-0 2.max.lead temperature for soldering, % "from body,10seconds@260°C

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