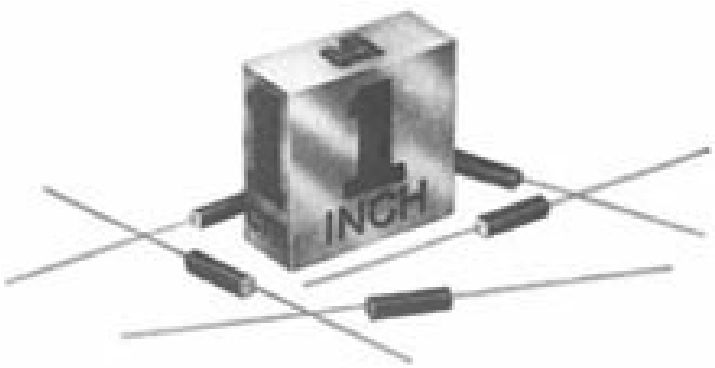
QR 12

FAST RECOVERY, 100ns.HIGH VOLTAGE MINIATURE RECTIFIERS

- SMALL SIZE MOLDED PACKAGE
- 12,000 VOLTS PRV
- AVALANCHE CHARACTERISTICS
- LOW LEAKAGE



Peak Reverse Voltage	12KV
Average Forward Current	6mA (SEE FIG 1)
Peak Surge Current (1/2CYCLE)	300mA
Maximum Forward V oltage Drop (@6mA)	45V
Maximum Reverse Current (@ 12KV)	1 μA
Maximum Reverse Recovery	100nSEC (SEE FIG 2)
Operating T emperature Range	-55 °C to +100 °C
Storage T emperature Range	-55 °C to +125 °C

FIG.1

OUTPUT CURRENT vs AMBIENT TEMPERATURE

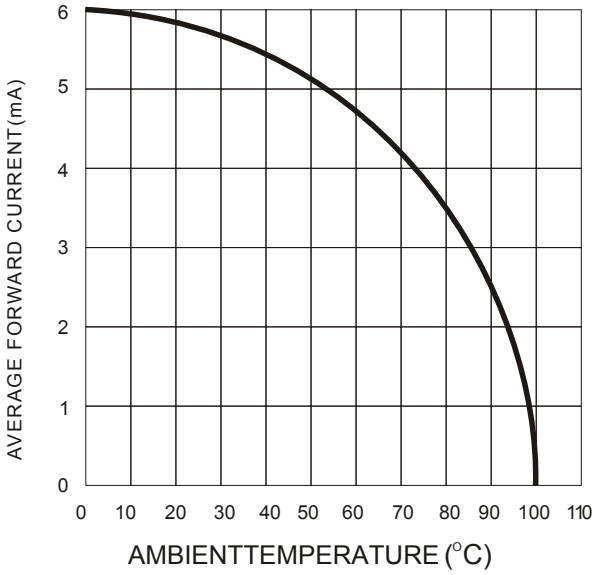


FIG.2

NON- REPETITIVE SURGE CURRENT

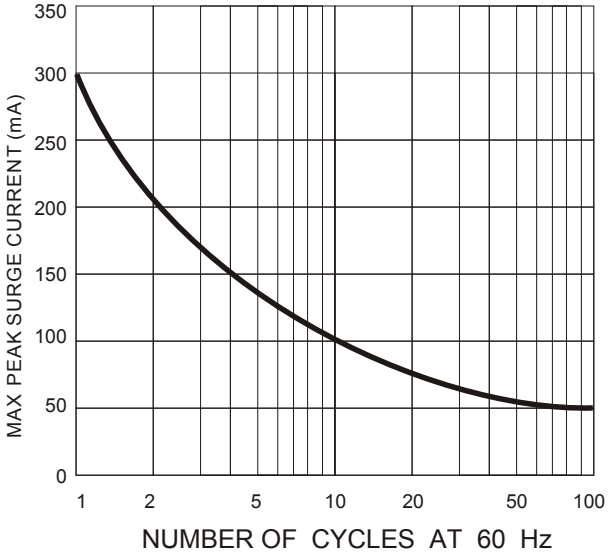


FIG.3

MECHANICAL DIMENSIONS

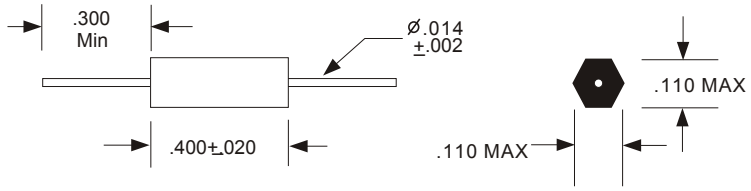
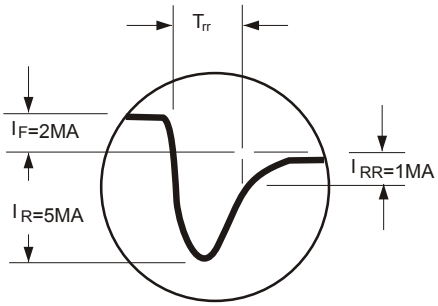


FIG.4

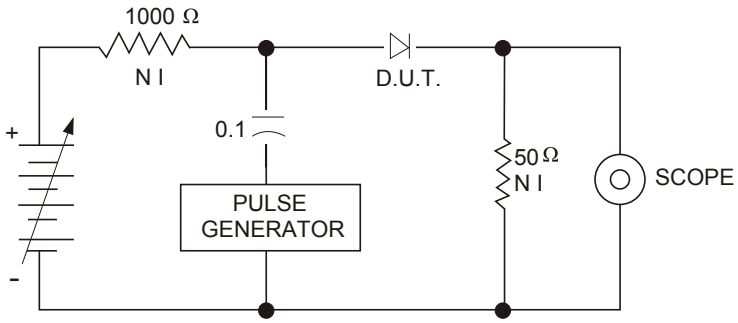
REVERSE RECOVERY TEST METHOD

RECOVERY WAVE FORM



WAVE FORMS

RECOVERY WA VE FORM



CIRCUIT

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