



Ultra-Fast Recovery Diodes 10A FRED



Features

- Adopt FRED chip
- Low forward Voltage drop
- Fast reverse recovery time
- High frequency operation
- High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
- Guard ring for enhanced ruggedness and long term reliability

			MUR1060FL
Device marking code			MUR1060FL
Repetitive Peak Reverse Voltage	VRRM	V	600
Average Rectified Output Current @60Hz sine wave, R-load, T _c (FIG.1)	I _O	A	10
Surge(Non-repetitive)Forward Current @60Hz half sine-wave, 1 cycle, T _j =25	I _{FSM}	A	50
Current Squared Time @1ms≤t≤8.3ms T _j =25	I ² t	A ² s	12.5
Storage Temperature	T _{stg}		-55 ~ +175
Junction Temperature	T _j	pF	-55 ~ 42
Mounting torque @recommend torque 5kg cm	Tor	kg cm	8

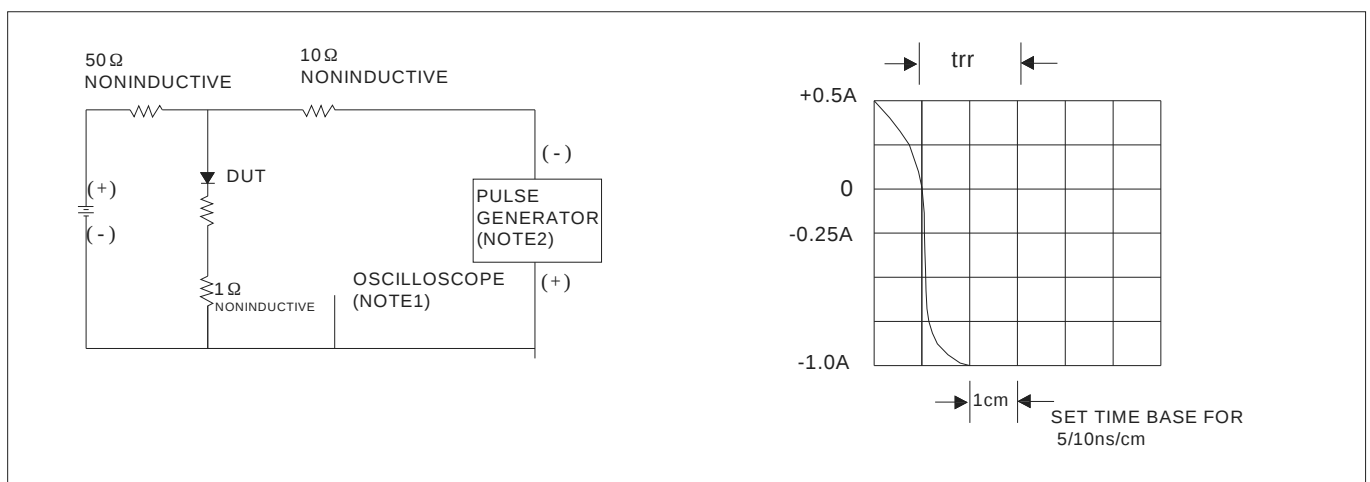


■Electrical Characteristics



■Characteristics (Typical)

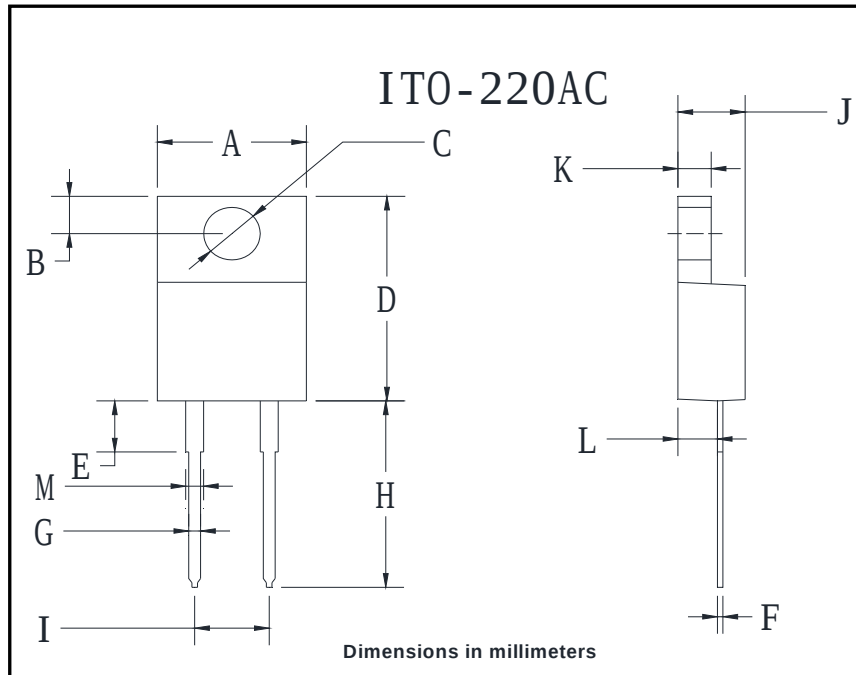
FIG.5: Diagram of circuit and Testing wave form of reverse recovery time





MUR1060FL

■Outline Dimensions



ITO-220AC		
Dim	Min	Max
A	9.8	10.2
B	2.25	2.75
C	2.95	3.45
D	14.75	15.25
E	3.5	4.1
F	0.45	0.75
G	0.45	0.75
H	13.35	14.15
I	4.97	5.23
J	4.3	4.8
K	2.5	2.74
L	2.58	2.82
M	1.03	1.43



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