

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

Typical applications are in switching power supplies, converters, freewheeling diodes, and reverse battery protection.

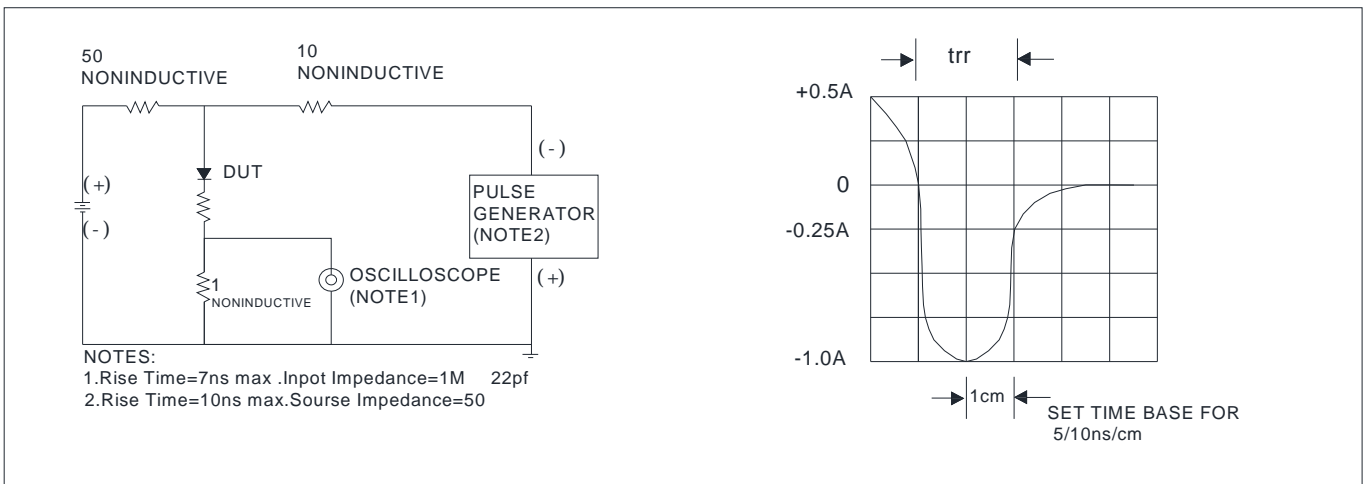
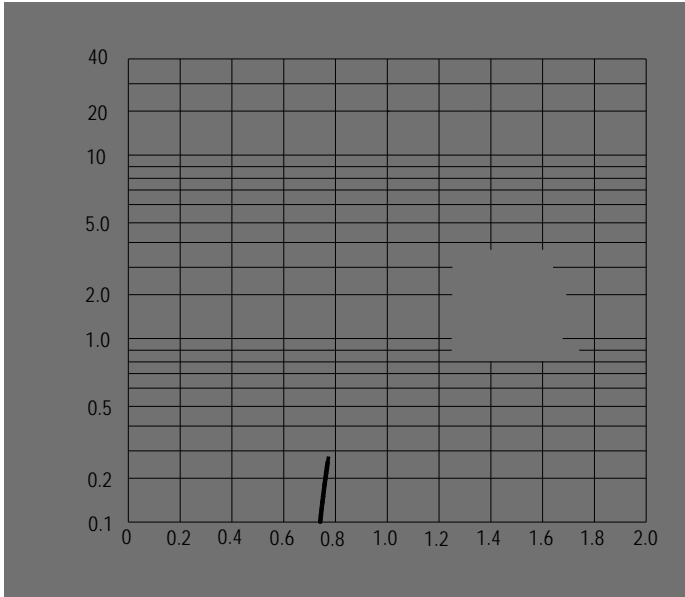
: Tin plated leads, solderable per J-STD-002 and JESD22-B102
 : As marked

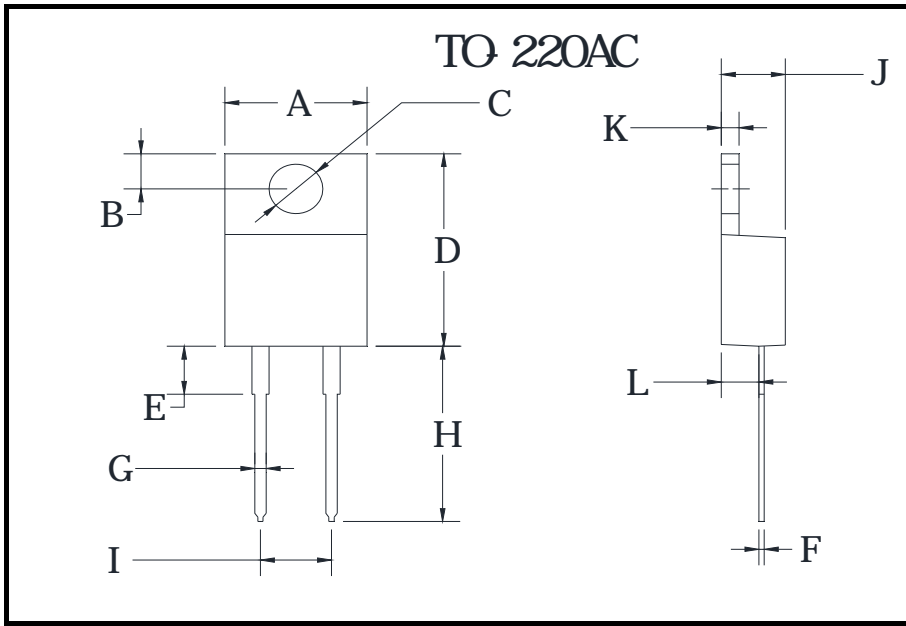
($T_a=25$ Unless otherwise specified)

Device marking code			MURL1560
Repetitive Peak Reverse Voltage	VRRM	V	600
Average Rectified Output Current @60Hz sine wave, R-load, T_c (FIG.1)	I_O	A	15
Surge(Non-repetitive)Forward Current @60Hz half sine-wave, 1 cycle, $T_a=25$	IFSM	A	150
Current Squared Time @1ms $t \leq 8.3ms$ $T_j=25$	I^2t	A^2s	93
Storage Temperature	T_{stg}		-55 ~ +175
J	t	tur	



Instantaneous forward voltage drop per diode	V_{FM}	V	IFM=15.0A @Tj=25	-	1.35	1.5





Dim	Min	Max



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