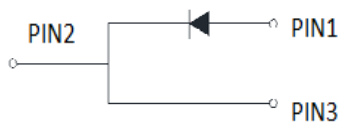


Adopt FRED chip
 Low forward Voltage drop
 Fast reverse recovery time
 High frequency operation
 High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
 Guard ring for enhanced ruggedness and long term reliability

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



($T_j=25$ Unless otherwise specified)

Device marking code			MUR1260L
Repetitive Peak Reverse Voltage	VRRM	V	600
Average Rectified Output Current @60Hz sine wave, R-load, T_c (FIG.1)	I_O	A	12
Surge(Non-repetitive)Forward Current @60Hz half sine-wave, 1 cycle, $T_j=25$	IFSM	A	150
Current Squared Time @1ms t 8.3ms $T_j=25$	I^2t	A ² s	93
Storage Temperature	T_{stg}		-55 ~ +175
Junction Temperature	T_j		-55 ~ +175
Typical Junction capacitance @4V,1MHz	C_j	pF	92

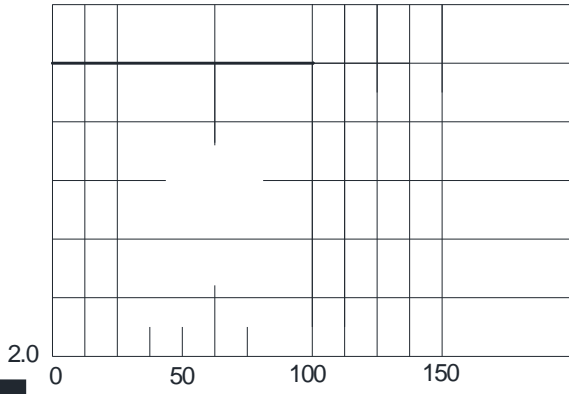


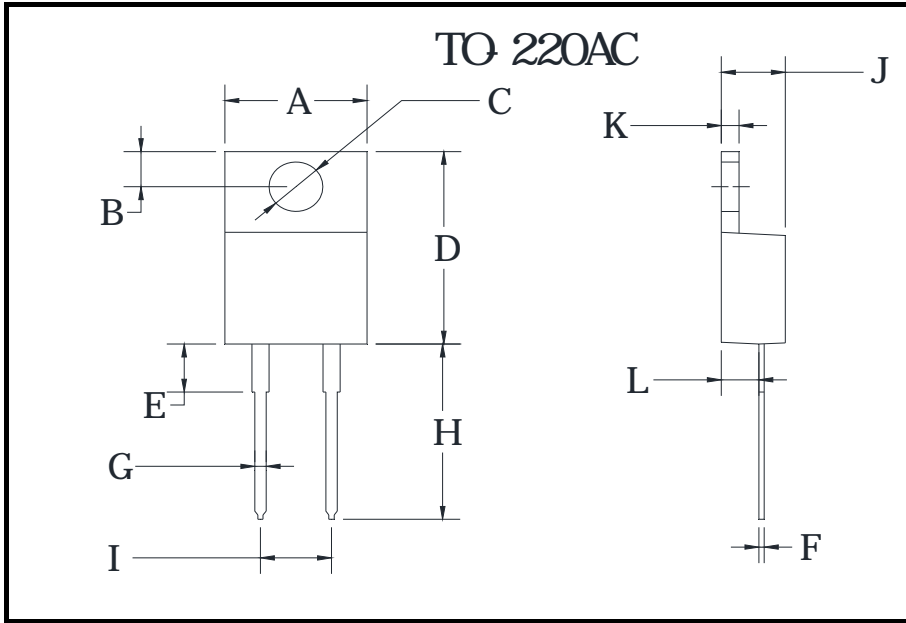
Instantaneous forward voltage drop per diode	V_{FM}	V	IFM=12.0A @Tj=25	-	2.4	3.0
			IFM=12.0A @Tj=150	-	2.0	2.4-
DC reverse current at rated DC blocking voltage per diode	I_{RRM1}	uA	VRM=VRRM Tj=25	-	-	10
	I_{RRM2}		VRM=VRRM Tj=150	-	30	200
			IF=0.5A IRM=1A IRR=0.25A Tj=25	-	20	25
Reverse Recovery Time	T_{rr}	ns	Tj=25			Rev

IF=12A
di/dt=-200A/us
VRM=200V



(Typical)





Dim	Min	Max
A	9.95	10.35
B	2.55	2.95
C	3.75	4.05
D	14.95	15.25
E	3.75	4.25
F	0.26	0.5
G	0.68	0.94
H	13.3	13.9
I	4.86	5.26
J	4.38	4.78
K	1.14	1.4
L	2.37	2.79



The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use.