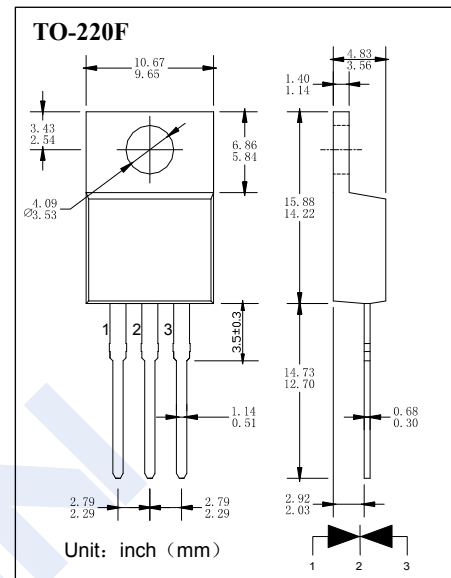


Ultra-Fast Recover Diodes

MUR1010CTF ~ MUR1060CTF

■ Features

- High Current Capability
- Low Forward Voltage Drop
- Low Power Loss, High Efficiency



■ Absolute Maximum Ratings $T_a = 25^\circ\text{C}$

Parameter	Symbol	MUR1010 CTF	MUR1020 CTF	MUR1040 CTF	MUR1060 CTF	Unit
Repetitive Peak Reverse Voltage	VRRM	100	200	400	600	V
RMS Voltage	VRMS	70	140	280	420	
Maximum DC Blocking Voltage	VDC	100	200	400	600	
Forward Voltage If=5A	VF	1		1.3	1.5	
Averaged Forward Current	IFAV	10				A
Peak Forward Surge Current @ 8.3ms	IFSM	100				
Maximum DC Reverse Current Ta=25℃ Ta=125℃	IR	10				μA
		250				
Maximum Reverse Current If=0.5A Ir=1.0A IREC=0.25A	trr	35		50		ns
Typical thermal resistance	RθJC	3		2		℃/W
Junction Temperature	Tj	150				℃
Storage Temperature	Tstg	-55 to 150				

Ultra-Fast Recover Diodes

MUR1010CTF ~ MUR1060CTF

■ Typical Characteristics

