



Micro Commercial Components

Micro Commercial Components
20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
Fax: (818) 701-4939

MUR1060CT

**10 Amps Glass
Passivated Super
Fast Rectifiers
600 Volts**

Features

- Low forward voltage drop
- High current capability
- High reliability
- High surge current capability

Maximum Ratings

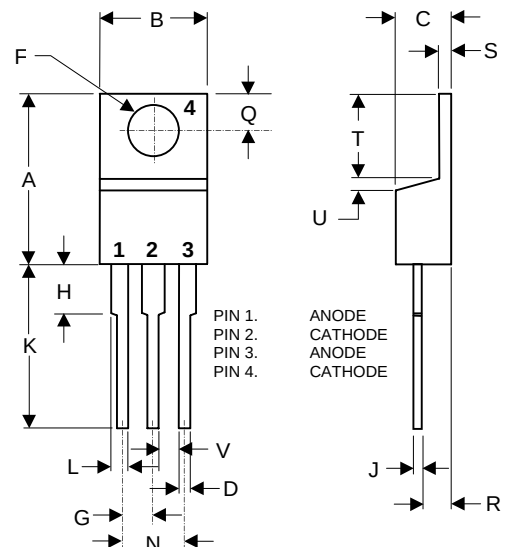
- Operating Temperature: -55°C to +150°C
- Storage Temperature: -55°C to +150°C

MCC Part Number	Maximum Recurrent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage
MUR1060CT	600V	420V	600V

Electrical Characteristics @ 25°C Unless Otherwise Specified

Maximum Average Forward Current	$I_{F(AV)}$	10.0A	$T_A = 100^\circ\text{C}$
Peak Forward Surge Current	I_{FSM}	125A	8.3ms, half sine
Maximum Instantaneous Forward Voltage	V_F	1.70V	$I_{FM} = 5.0\text{A}; T_A = 25^\circ\text{C}$
Maximum DC Reverse Current At Rated DC Blocking Voltage	I_R	10uA 400uA	$T_A = 25^\circ\text{C}$ $T_A = 125^\circ\text{C}$
Maximum Reverse Recovery Time	t_{rr}	80ns	$I_F = 0.5\text{A}, I_R = 1.0\text{A}, I_{RR} = 0.25\text{A}$
Typical Junction Capacitance	C_J	50pF	Measured at 1.0MHz, $V_R = 4.0\text{V}$

TO-220AB



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.570	.620	14.48	15.75	
B	.380	.405	9.66	10.28	
C	.160	.190	4.06	4.82	
D	.025	.035	0.64	0.89	
E	.142	.147	3.61	3.73	
F	.095	.105	2.42	2.66	
G	.110	.155	2.80	3.93	
H	.018	.025	0.46	0.64	
I	.500	.562	12.70	14.27	
J	.045	.060	1.14	1.52	
K	.100	.120	2.54	3.04	
L	.080	.110	2.04	2.79	
M	.045	.055	1.14	1.39	
N	.235	.255	5.97	6.48	
O	-----	.050	-----	1.27	
P	.045	-----	1.15	-----	