/ Descriptions

TO-220AC

Ultrafast Recovery Diode in a TO-220AC Plastic Package.

/ Features

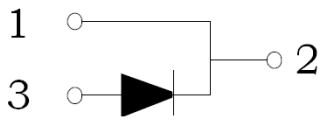
TO-220AC 600V

Ultrafast recovery time,popular TO-220AC package,low forward voltage,low leakage current,reverse voltage to 600V.

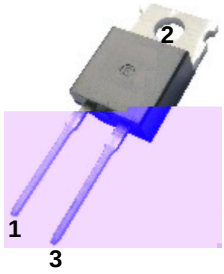
/ Applications

These devices are intended for output rectifiers and flywheel diodes in a variety of high-frequency pulse-width modulated switching regulators. Their low stored charge and attendant fast reverse-recovery behavior minimize electrical noise generation and in many circuits markedly reduce the turn-on dissipation of associated power switching transistors.

/ Equivalent Circuit



/ Pinning



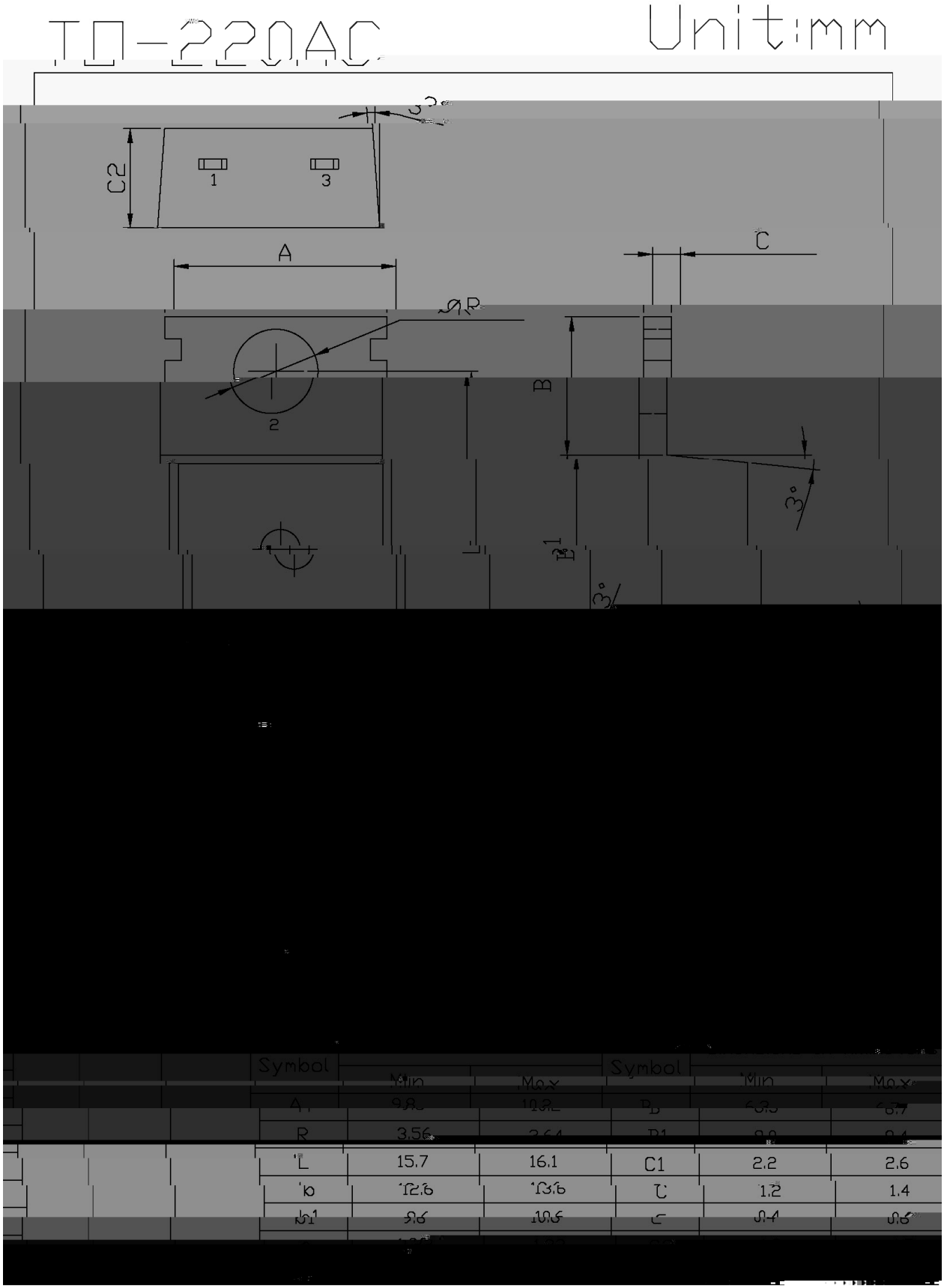
PIN1 2 Cathode PIN 3 Anode

/ h_{FE} Classifications & Marking

See Marking Instructions

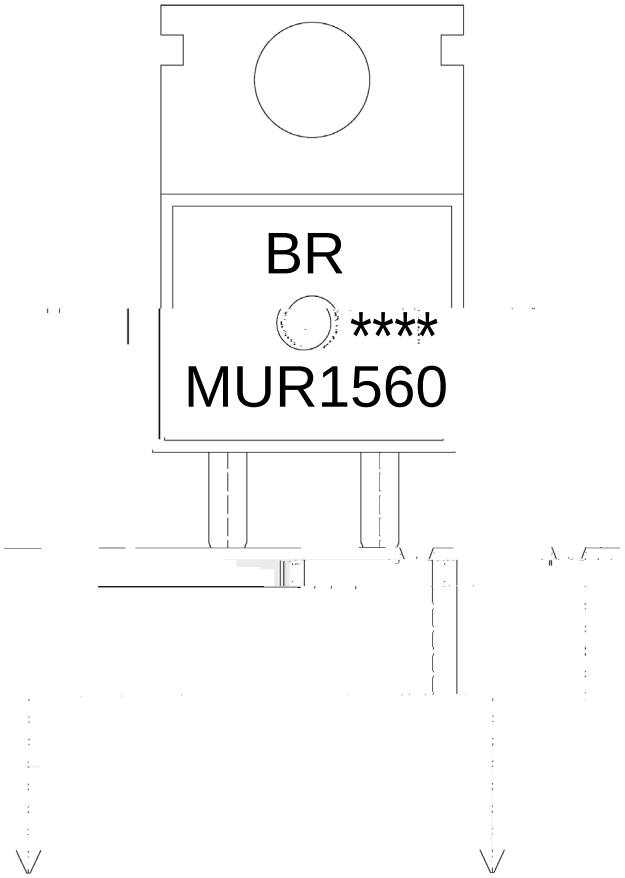
Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage	V_{RRM}	600	V

/ Package Dimensions



Symbol	Min	Max	Symbol	Min	Max
A1	9.80	10.20	D	8.50	8.70
R	3.56	3.64	D1	9.00	9.40
L	15.70	16.10	C1	2.20	2.60
b	12.60	13.60	C	1.20	1.40
b1	0.68	1.08	c	0.40	0.60

/ Marking Instructions



BR

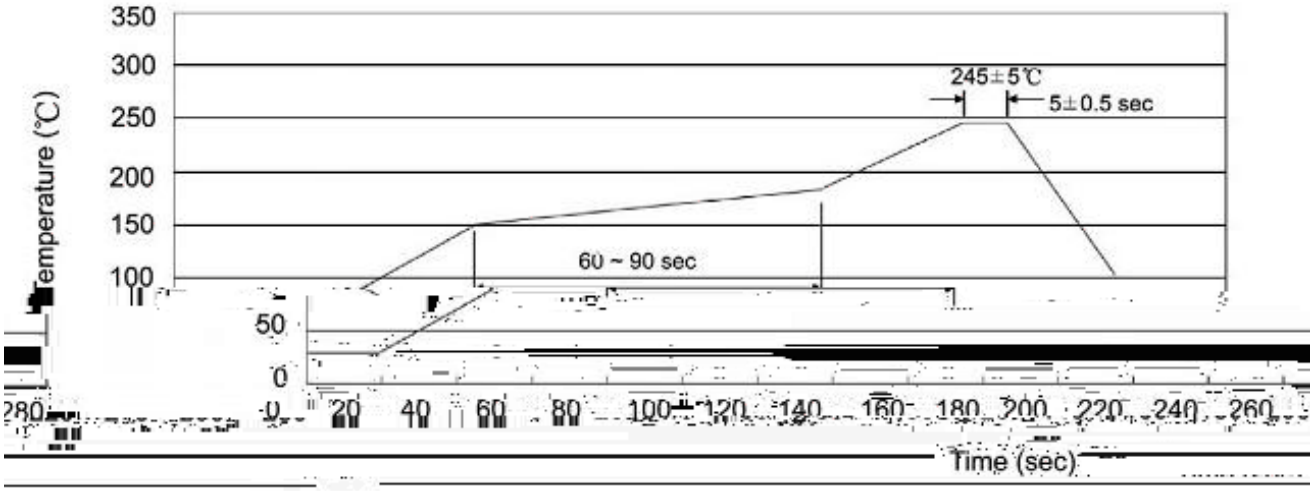
MUR1560

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Note:

BR:	Company Code
MUR1560	Product Type.
****:	Lot No. Code, code change with Lot No.

( ) / Temperature Profile for Dip Soldering(Pb-Free)



			Note:
1	150 180	60 90sec;	1.Preheating:150~180 , Time:60~90sec.
2	255±5	5±0.5sec;	2.Peak Temp.:255±5 , Duration:5±0.5sec.
3	2 10 /sec.		3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

270±5	10±1 sec.	Temp.:270±5	Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type	Units					Dimension		(unit mm^3)
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-220/F/AC	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

/ TUBE

Package Type	Units					Dimension		(unit mm^3)
	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box
TO-220/F/AC	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180

/ Notices