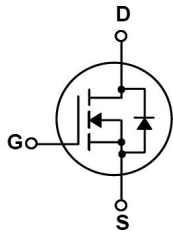


TO-220 N MOS N-CHANNEL MOSFET in a TO-220 Plastic Package.

gy2g^w

Low gate charge, Fast switching capability, Avalanche energy specified, Improved dv/dt capability.

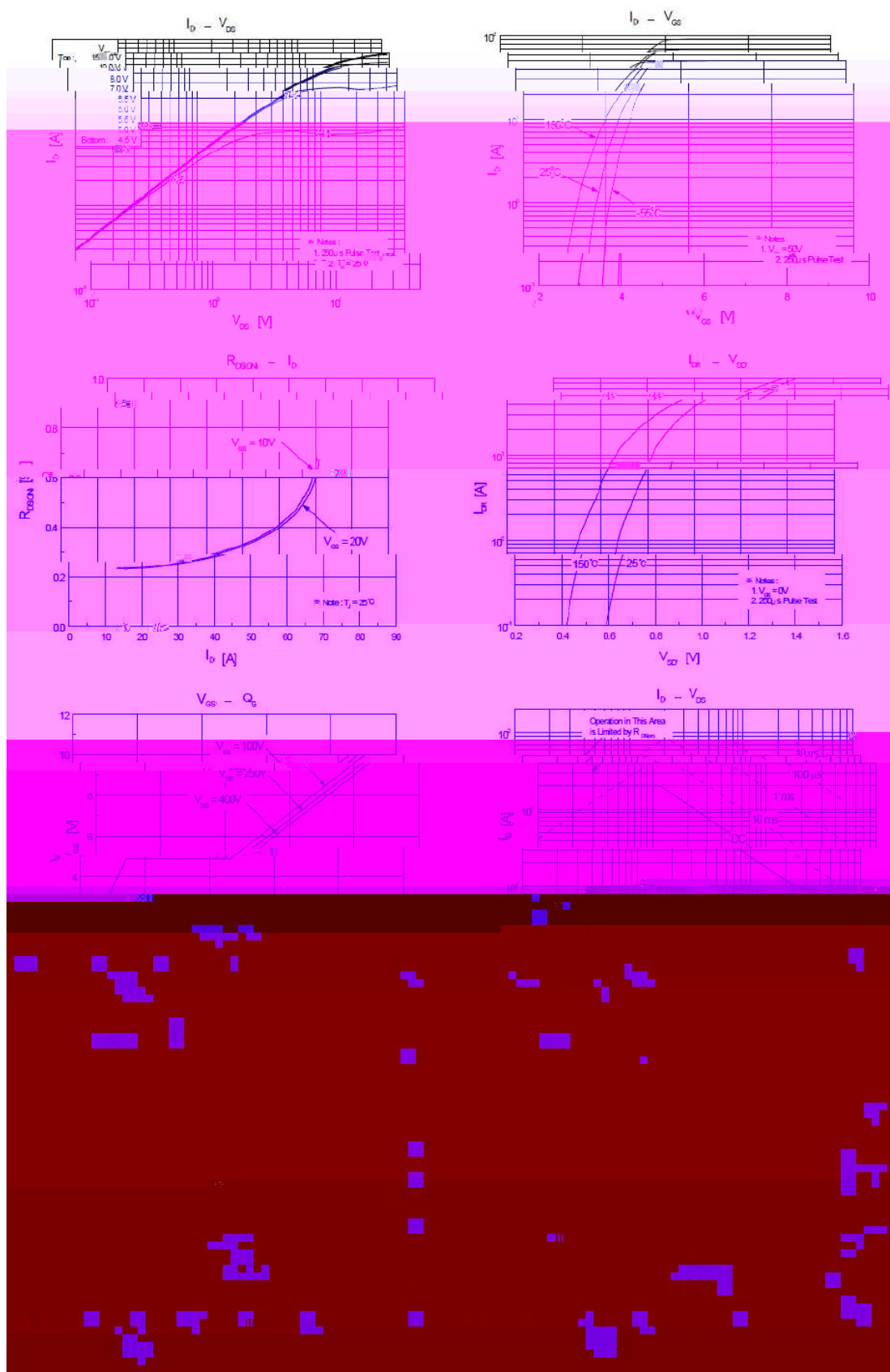
Designed for high voltage, high speed power switching applications such as high efficiency switched mode power supplies, active power factor correction.

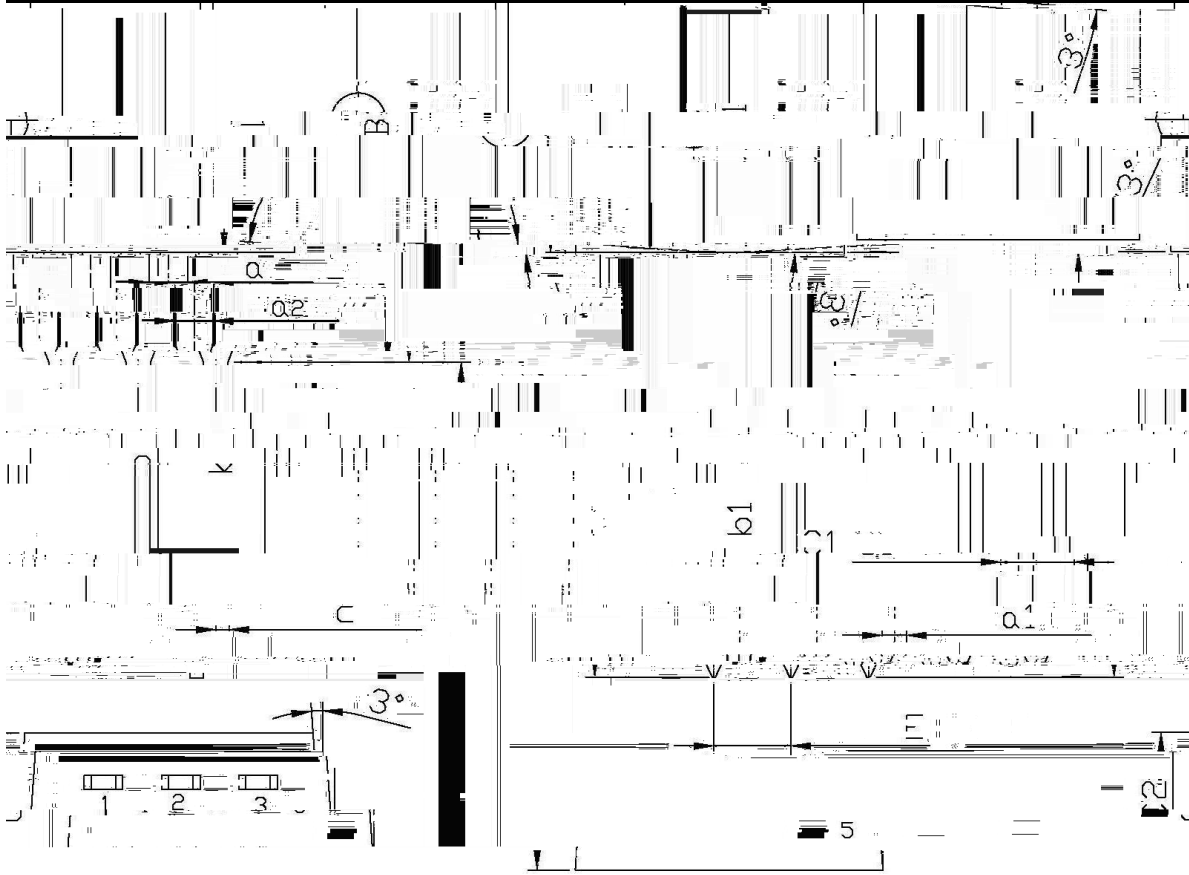
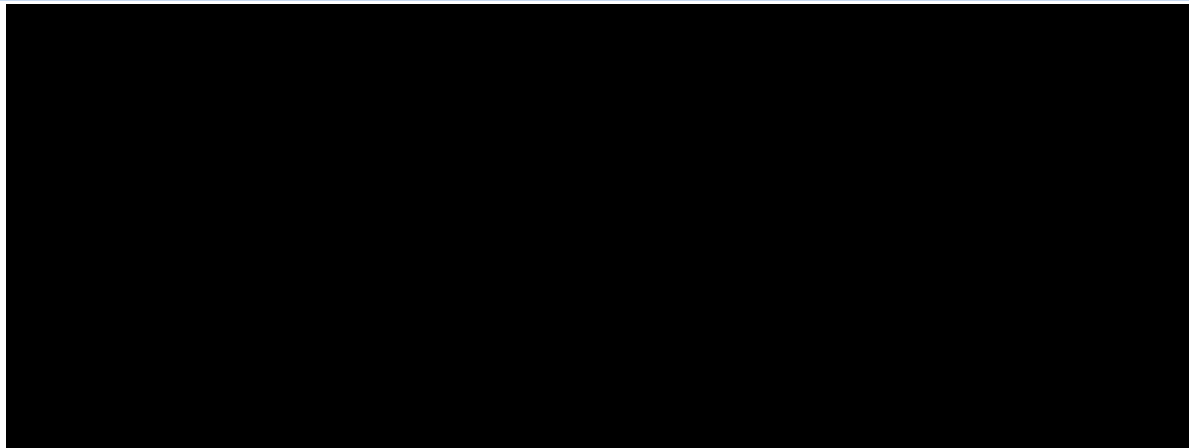


PIN1 G PIN 2 D PIN 3 S

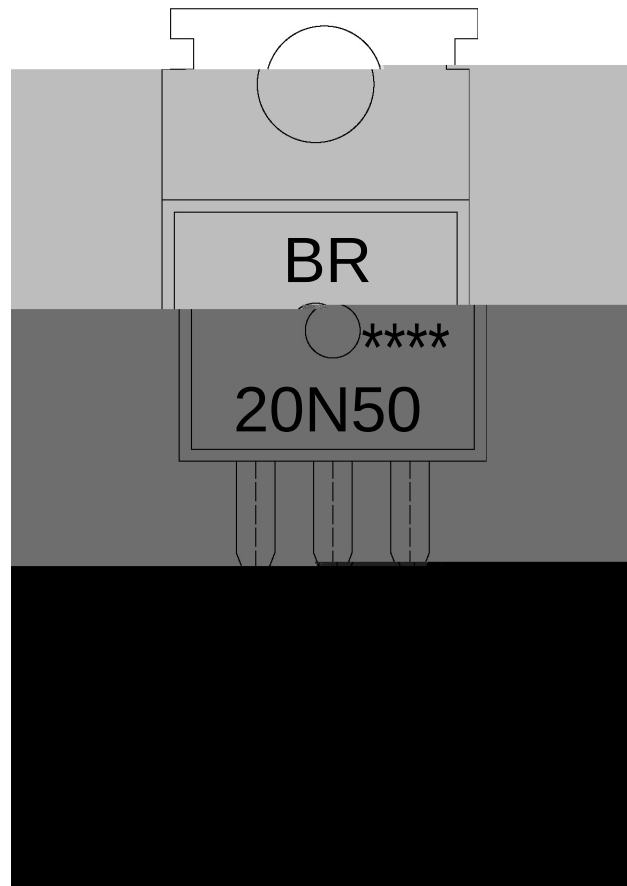
See Marking Instructions.

Parameter





Dimensions in Millimeters				Dimensions in Millimeters			
Symbol	mm	mm	mm	Symbol	mm	mm	mm
max	14.5	9.8	10.2	max	12	9.4	12
a	15.7	16.1	16.4	b	9.6	9.4	9.6
a/2	7.85	8.05	8.2	b/2	4.8	4.7	4.8
a1	14.5	14.5	14.5	a2	1.25	1.25	1.25



BR

53Q83

Note:

BR: Company Code

20N50: Product Type.

****: Lot No. Code, code change with Lot No.



Note:

1 25 150% 60 90sec;

1.Preheating:25~150%