

/ Descriptions

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

/ Features

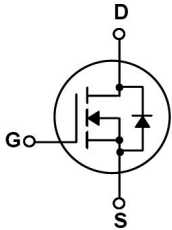
[n&[k

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

/ Applications

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

/ Equivalent Circuit



/ Pinning



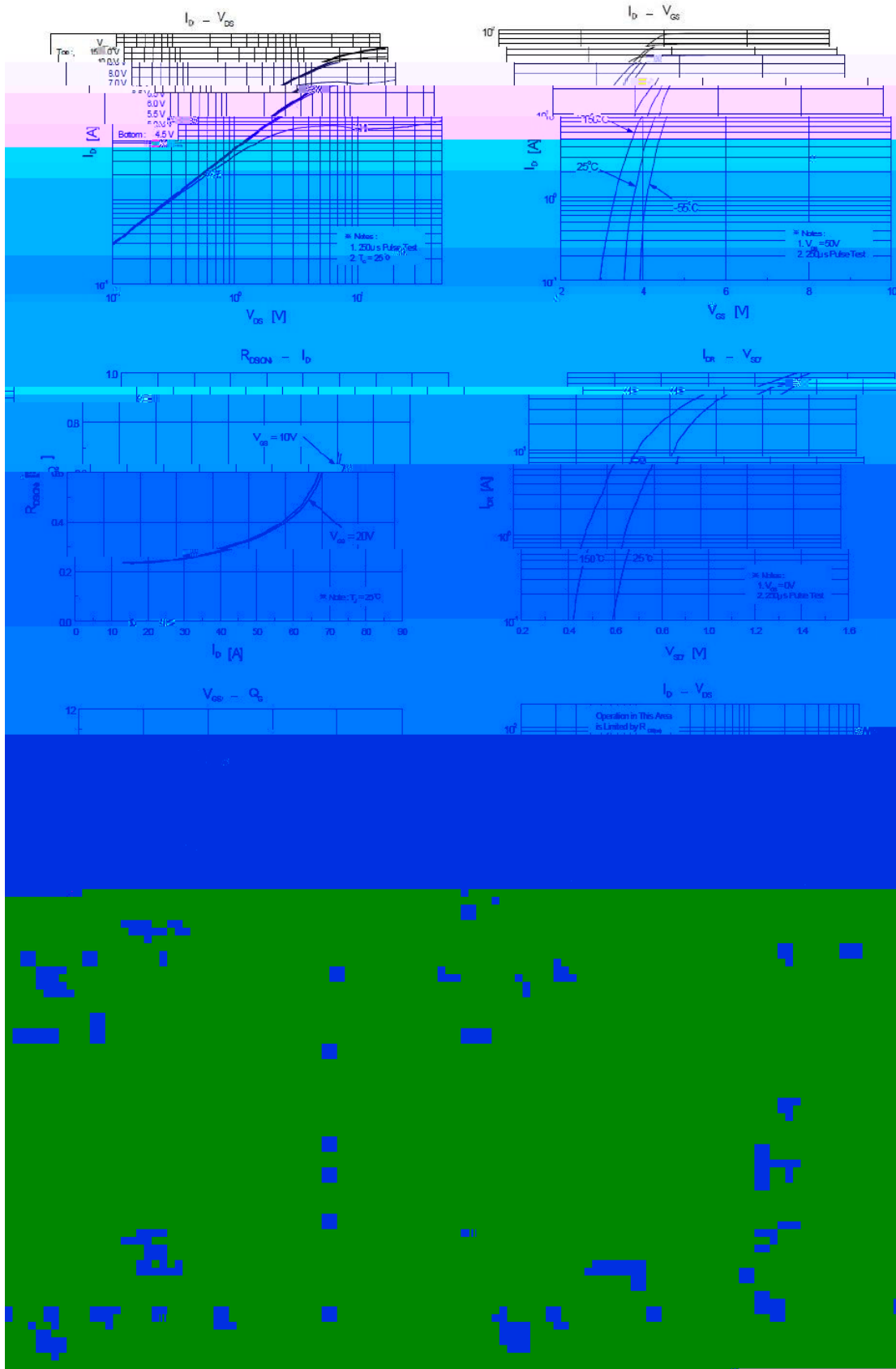
PIN1 G PIN 2 D PIN 3 S

/ h_{FE} Classifications & Marking

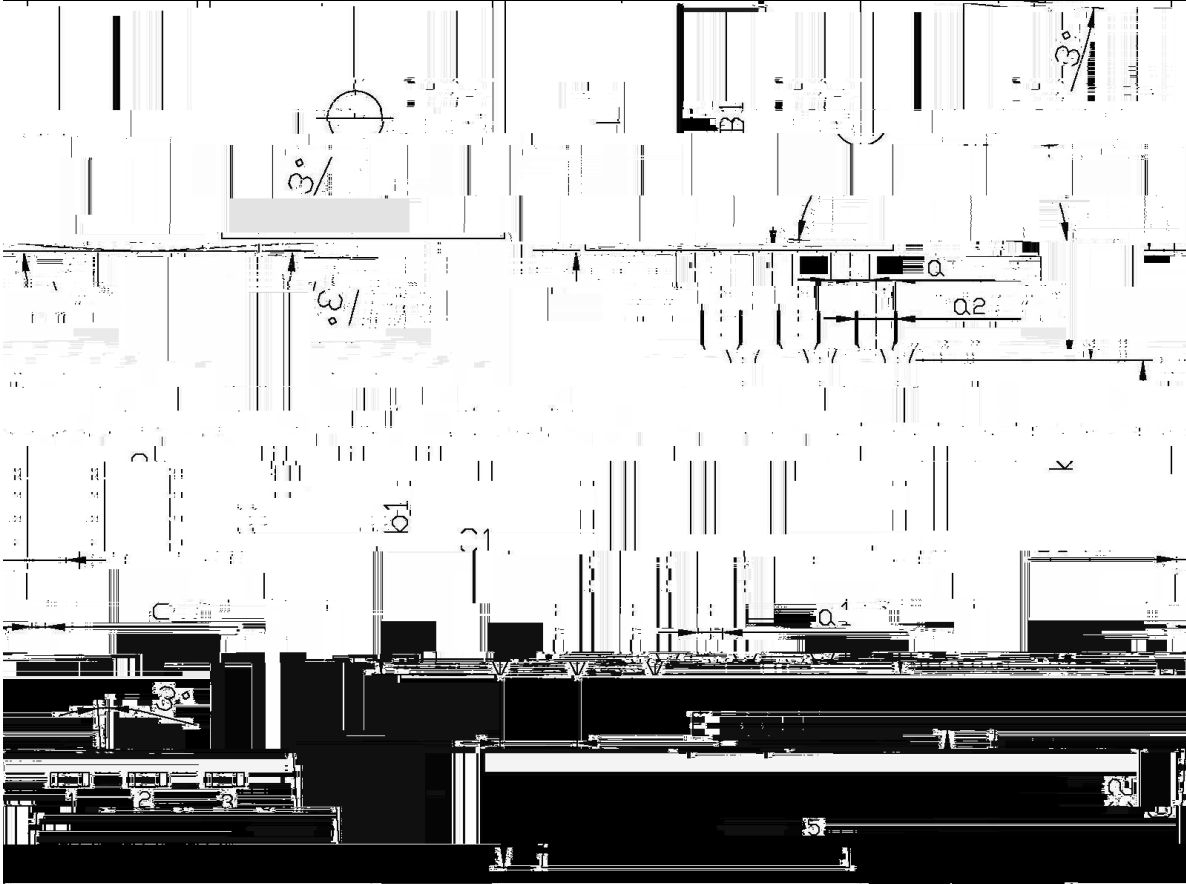
See Marking Instructions.

Parameter

/ Electrical Characteristic Curve

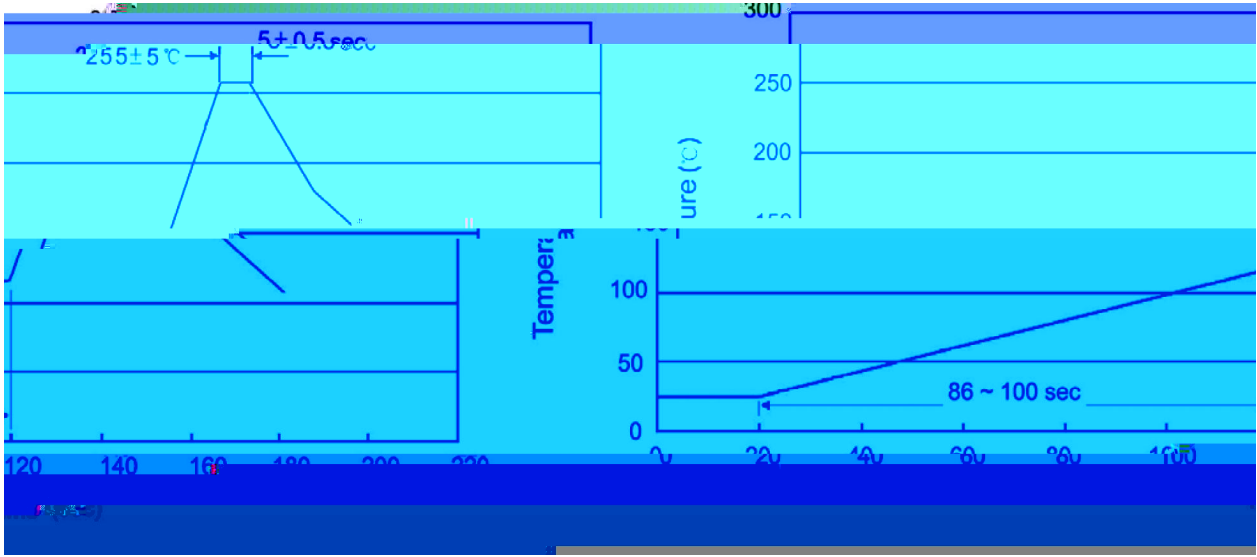


/ Package Dimensions



Dimensions in Millimeters		Dimensions in Millimeters	
Symbol	Max	Symbol	Max
A	9.8	C	4.2
B	3.56	D	4.2
E	5.7	F	3.63
G	3.63	H	9.4
I	3.63	J	9.4
K	3.63	L	9.4
M	3.63	N	9.4
O	3.63	P	9.4
Q	3.63	R	9.4
S	3.63	T	9.4
U	3.63	V	9.4
W	3.63	X	9.4
Y	3.63	Z	9.4
01	1.45	02	1.45

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



Note:

1 25 150 60 90sec;

1.Preheating:25~150