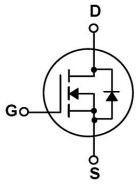
TO-220 ĶĶĿ N ŏ MOS ß ŵ Ẓ ˥ N-CHANNEL MOSFET in a TO-220 Plastic Package.

Ḥ ŏ ɔ я ɾ ᵇ ɐ ɟ ɔ ķ ŋ Â ʜ ɯ ў ồ

Low gate charge, Low Crss , Fast switching.

ɛ ŋ ʒ ƿ ɤ ŵ ' Â ʜ ɔ ◊ DF2GF ı ' ʒ Ω

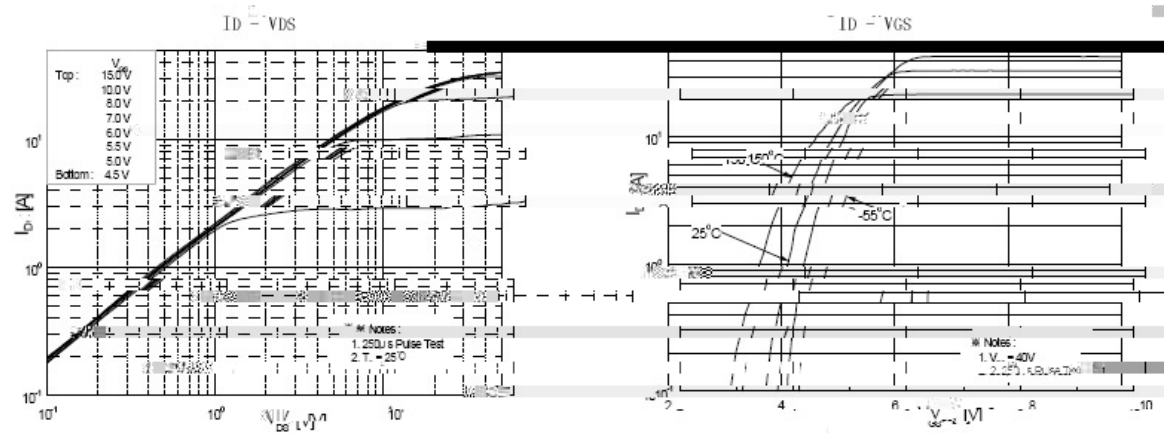
It is very suitable for various AC/DC power conversion in switching mode operatio for system miniaturization and higher efficiency.

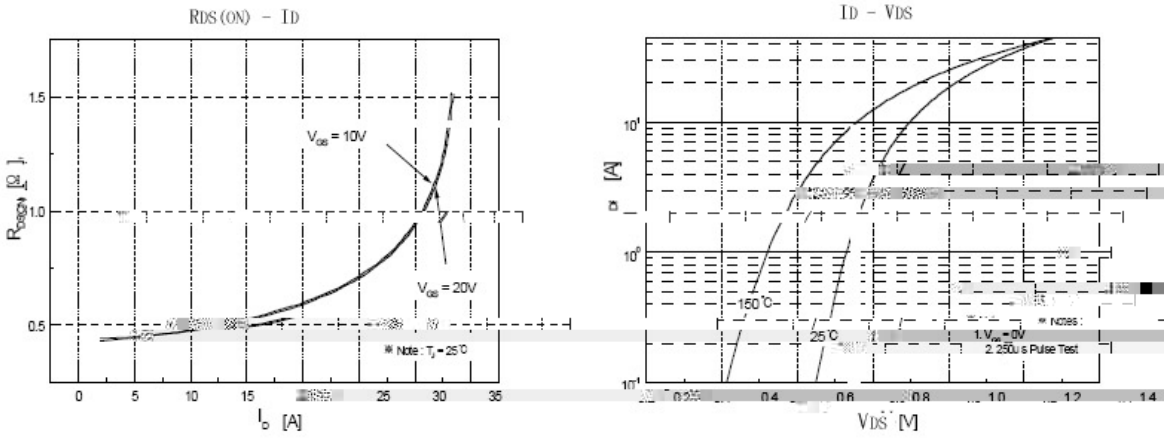


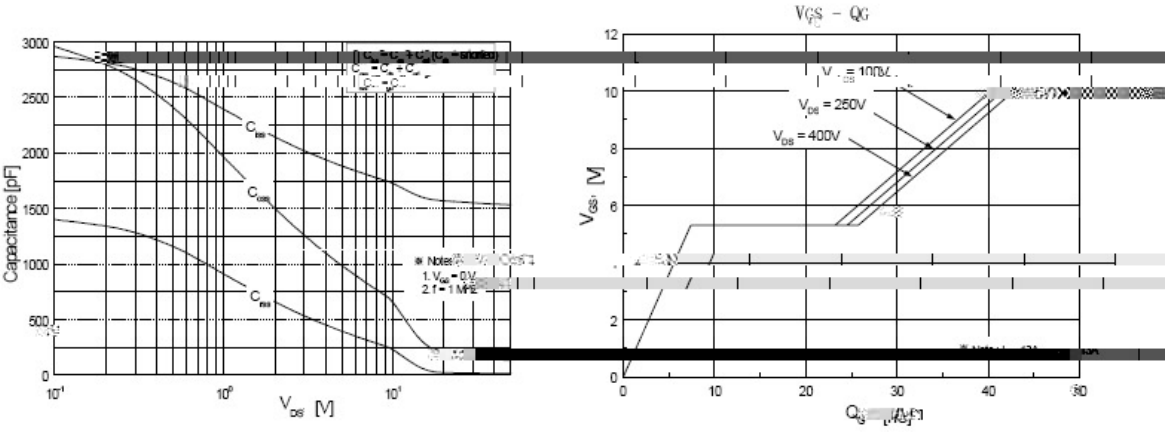


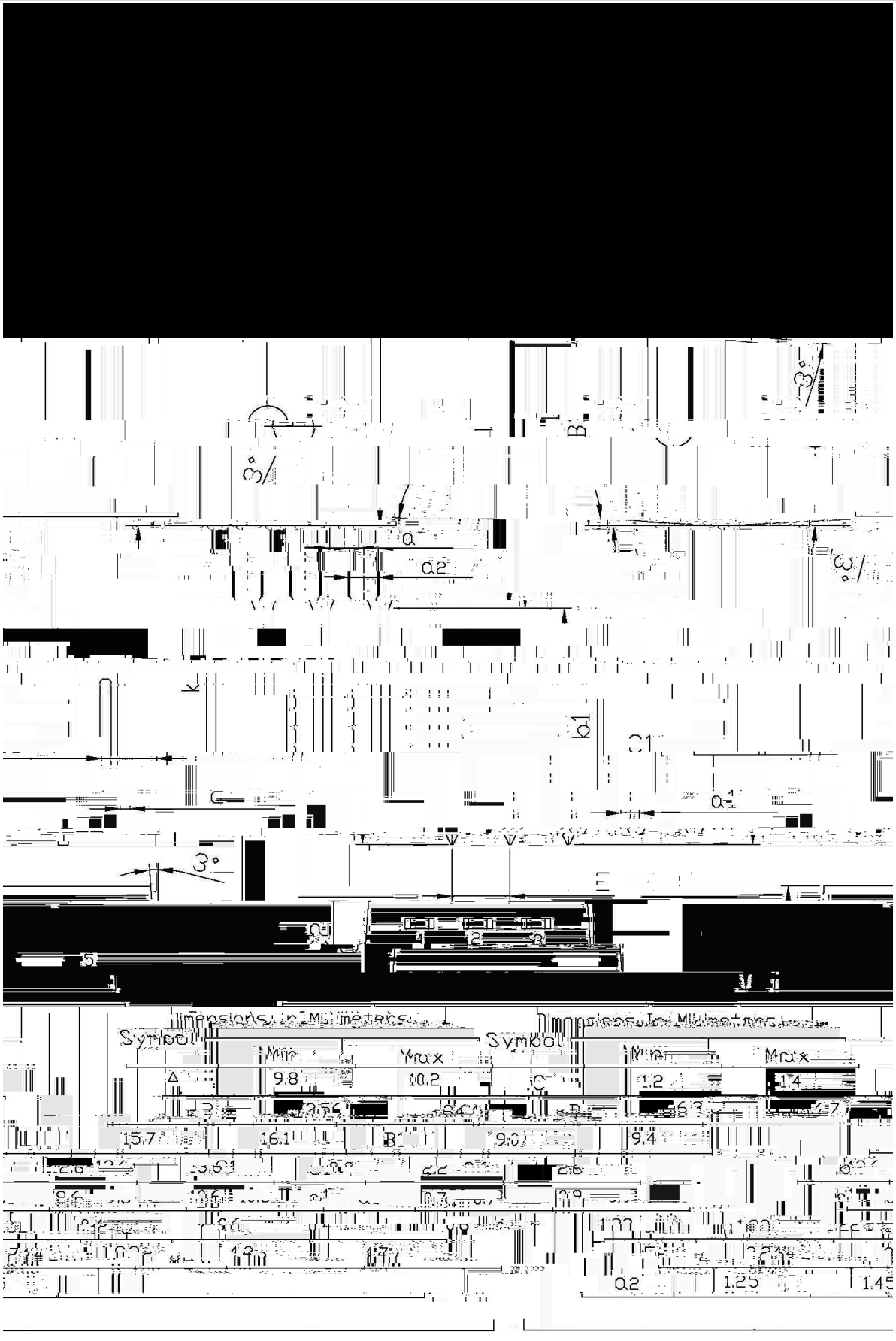
PIN1 χ G PIN 2 χ D PIN 3 χ S

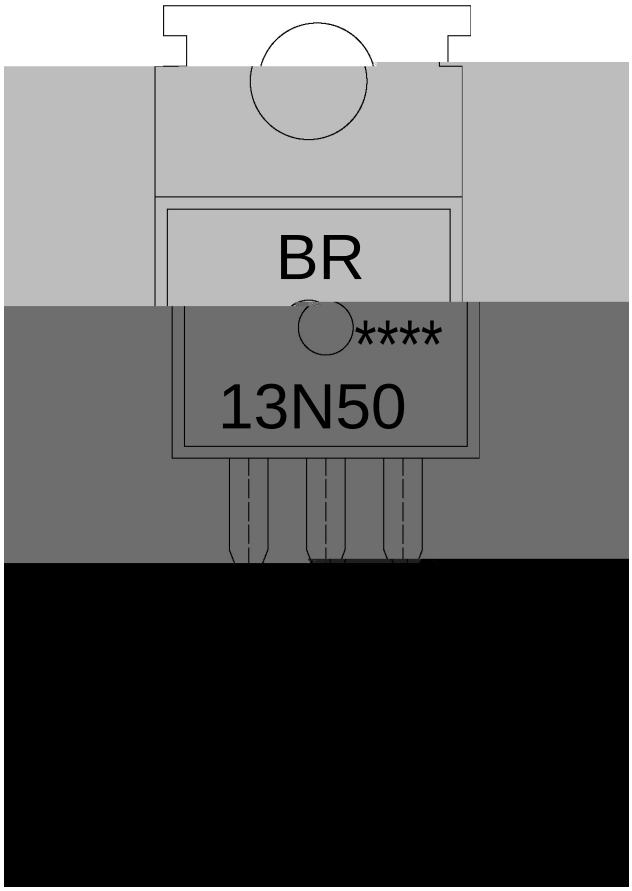
ð м ˥ ب ˝ See Marking Instructions.


ID - VDS
Top :
Bottom :
* Notes :
1. 250μs Pulse Test
2. TC = 25°C
ID - VGS
150°C
25°C
-55°C
* Notes :
1. VDS = 40V
2. 250μs Pulse Test


RDS(ON) - ID
VGS = 10V
VGS = 20V
* Note : TJ = 25°C
ID - VDS
150°C
25°C
* Notes :
1. VGS = 0V
2. 250μs Pulse Test


Capacitance [pF]
Ciss
Coss
Crss
* Notes :
1. VGS = 0V
2. f = 1MHz
VGS - QG
VDS = 250V
VDS = 400V

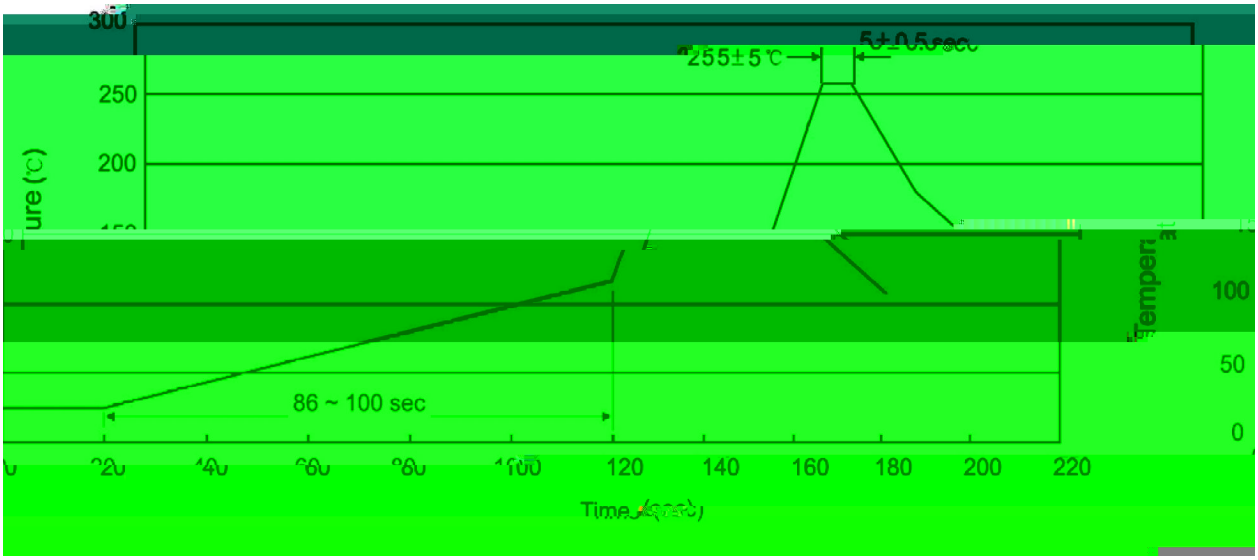

Dimensions In Millimeters
Symbol
Min
Max
9.8
10.2
15.7
16.1
9.0
9.4
1.2
1.4
0.2
1.25
1.45



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BR χ	ѭ ϗ ᴎ Ꮁ
46Q83 χ	ѭ ϳ ᴺ Ꮁ
---- χ	ѭ ɨ ғ ӈ ᴺ Ꮁ ɪ ₺ ɨ ғ ӈ ᴺ Ψ ᖘ

Note:

BR:	Company Code
13N50:	Product Type.
****:	Lot No. Code, code change with Lot No.



ب ˝ χ

1 Ĺ ♬ □ ỷ 25 Ḱ 150 ł ı ˋH ڑ 60 Ḱ 90sec;

2 Š Ө □ ỷ 255 ° 5 ł ı ˋH ڑ ˋY ヵ ㎞ 5 ° 0.5sec;

3 ì ˙ ヽ ˛ ɔ ଌ ỷ ㎞ 2 Ḱ 10 ł /sec.

Note:

1.Preheating:25~150 ł , Time:60~90sec.

2.Peak Temp.:255 ° 5 ł , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ł /sec.

□ ỷ χ 270 ° 5 ł ˋH ڑ χ 10 ° 1 sec. Temp.:270±5 Time:10±1 sec

ˈQ ţ ㄚ Ł / BULK

Package Type	Units					Dimension		(unit mm³)
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

˛ ㄱ ㄚ Ł / TUBE

Package Type	Units					Dimension		(unit mm³)
	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box
TO-220/F	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180