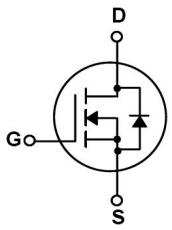
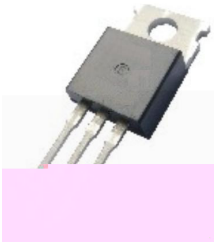
TO-220 Ṃ Ṃ Ḫ N ॐ MOS ß ѽ Ẓ ٦ N-CHANNEL MOSFET in a TO-220 Plastic Package.

Ḥ ɔ U/Ḥ r ɨ ɔ ķ/Â ʜ ॐ ỷ ȏ
Low gate charge, low crss, fast switching.

ȩ̂ ≍ ı ' GF2GF ȩ̈Ω ⊐ ı ' Â ʜ
These devices are well suited for high efficiency switching DC/DC converters .



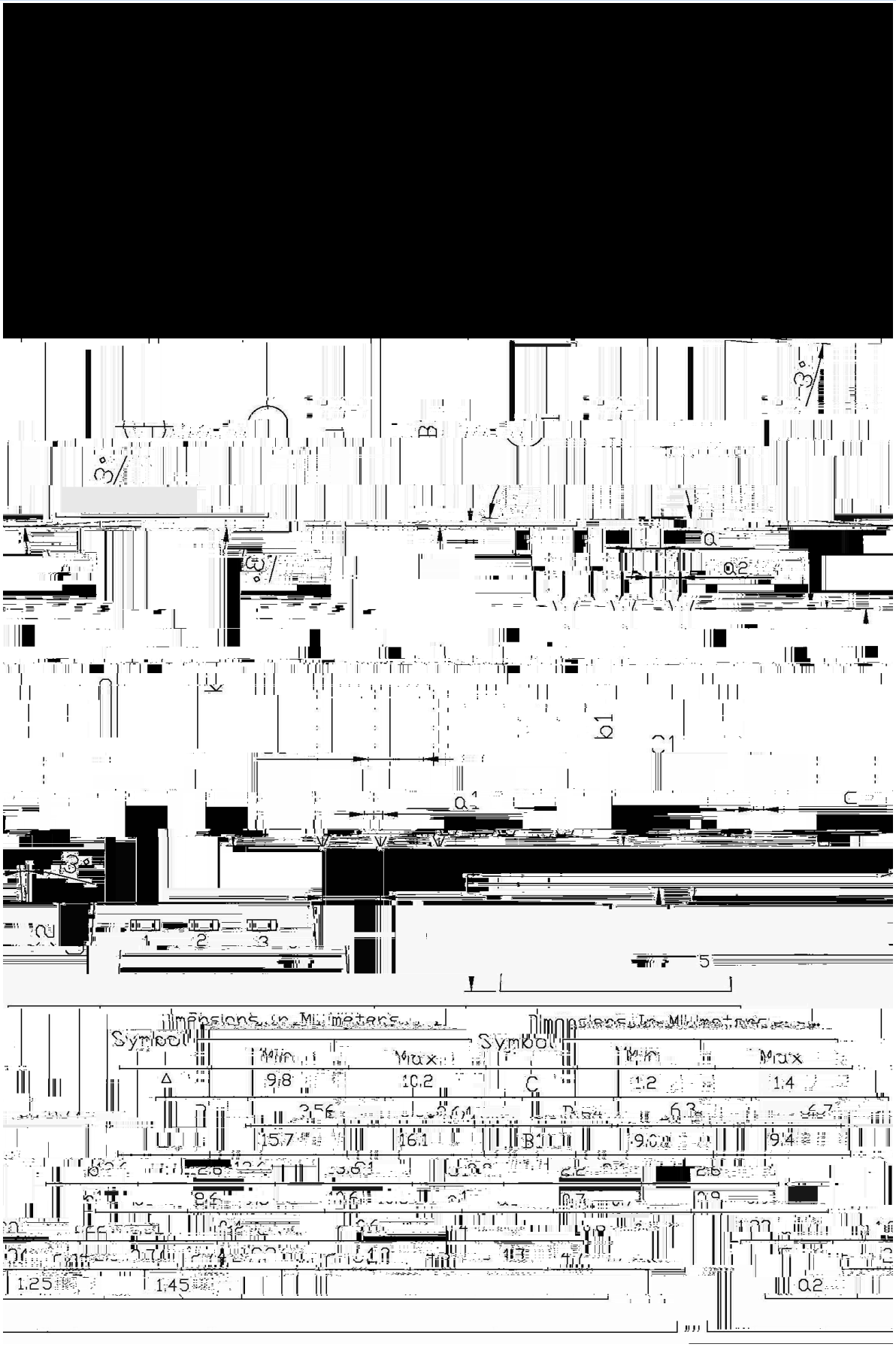


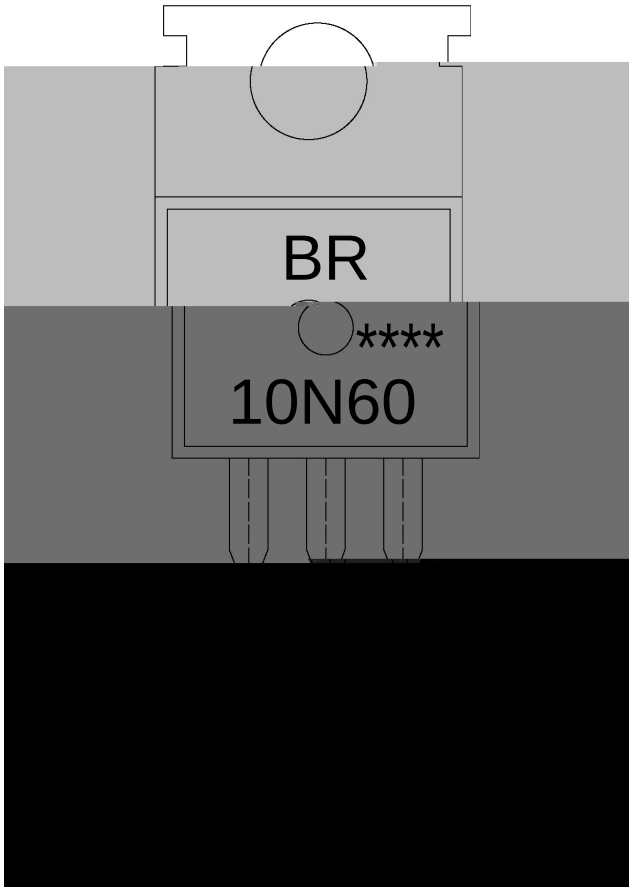
PIN1 χ G PIN 2 χ D PIN 3 χ S

ȸ м ٦ ب ˝ See Marking Instructions.

v ̈Ω Parameter	ϒ N Symbol	̈Ω Ö Rating	D Ч Unit
Drain-Source Voltage	V_{DSS}	600	V
Drain Current	I_D(Tc=25)	9.5	A
Drain Current	I_D(Tc=100)	5.7	A
Drain Current - Pulsed	I_{DM}	38	A
Gate-Source Voltage	V_{GSS}	±20	V
Single Pulsed Avalanche Energy	E_{AS}	700	mJ
Repetitive Avalanche Energy	E_{AR}	15.6	mJ
Avalanche Current	I_{AR}	9.5	A
[redacted]	R_{JC}	0.8	/W
t	R_{JA}	62.5	/W
[redacted]	P_D(Tc=25)	156	W
nge	T_J,T_{STG}	-55 to 150	

N bol	Ш :† Ţ Test Conditions		ώ ṇ Ö Min	Ɛ ʒ Ö Typ	ώ ᶻ Ö Max	D Ч Unit
ss	V_{GS}=0V	I_D=250 A	600			V
s	V_{DS}=600V	V_{GS}=0V			1	A
	V_{DS}=480V	T_C=125			100	A
s	V_{GS}=±20V	V_{DS}=0V			±100	nA
th)	V_{DS}=V_{GS}	I_D=250 A	2.0		4.0	V
on)	V_{GS}=10V	I_D=4.75A		0.6	0.73	
	V_{DS}=40V	I_D=4.75A		8.0		S
ò	V_{GS}=0V	I_S=9.5A			1.4	V
			[redacted]	45		nC
%	I_D=10A V_{GS}=10V	V_{DS}=480V				


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

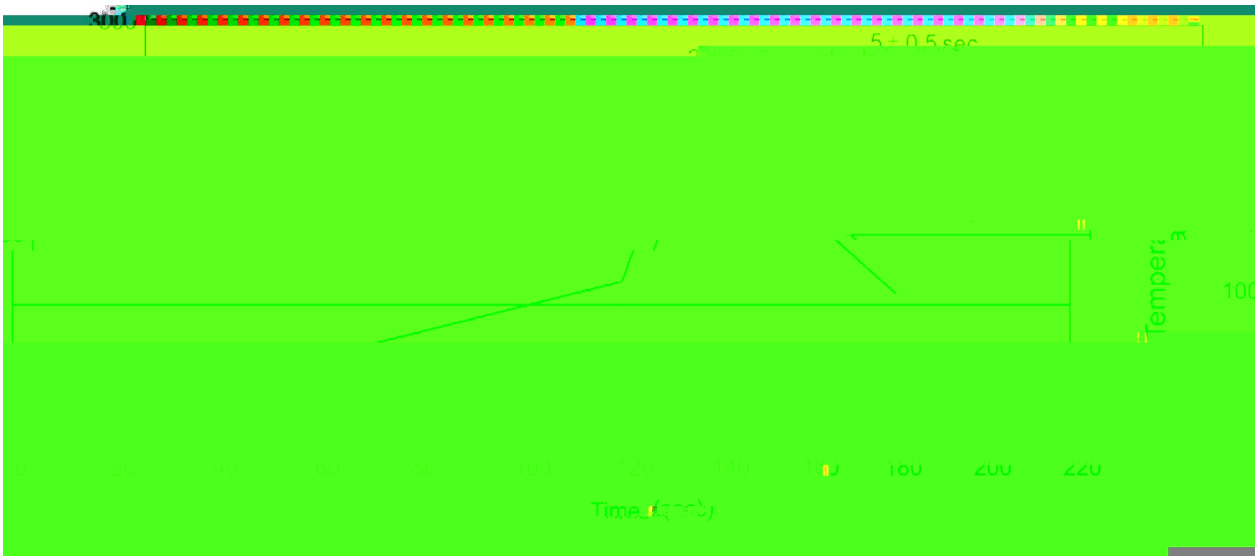


ᴗ ˝ χ

BR χ	ᵻᵿ ϡ ᴎ ᒣ
10N60 χ	ᵻᵿ ȝ ᴺ ᒣ
---- χ	ᵻᵿ ᵻ ᶠ ᵑ̈ ᴺ ᒣ ᵻ ᵩ ᵻ ᶠ ᵑ̈ ᴺ Ψ ᖘ

Note:

BR:	Company Code
10N60:	Product Type Code.
****:	Lot No. Code, code change with Lot No.



ب ˝ χ

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

2 Ś Ö □ ỷ 255 ° 5 ł ı `H ڑ `Y ﾊ ㎞ 5 ° 0.5sec;

3 ì ˙ ﾘ ˛ ↄ ﻩ 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 `H ڑ χ 10 ° 1 sec. Temp.:270±5 Time:10±1 sec

¨Ω ţ ﾔ 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

˛ ﾘ ﾔ 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