/ Descriptions

TO-220F ĮĮ Ė N ŝ MOS ĵ ŵ Ẑ ˥ N-CHANNEL MOSFET in a TO-220F Plastic Package.

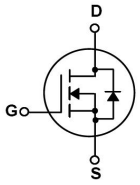
/ Features

Ę Ɔ U/Ę ɾ ɨ Ɔ ķ/Ầ ʜ ѧ ỷ ȏ
Low gate charge, low crss, fast switching.

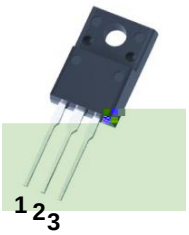
/ Applications

ȇ̂ ɔ˂ ı ' GF2GF ȩ̈Ω ⁼ ı ' Ầ ʜ
These devices are well suited for high efficiency switching DC/DC converters and switch mode power supplies.

/ Equivalent Circuit



/ Pinning



PIN1 χ G PIN 2 χ D PIN 3 χ S

/ h_{FE} Classifications & Marking

ȏ ᴍ ˥ ب ˝ See Marking Instructions.

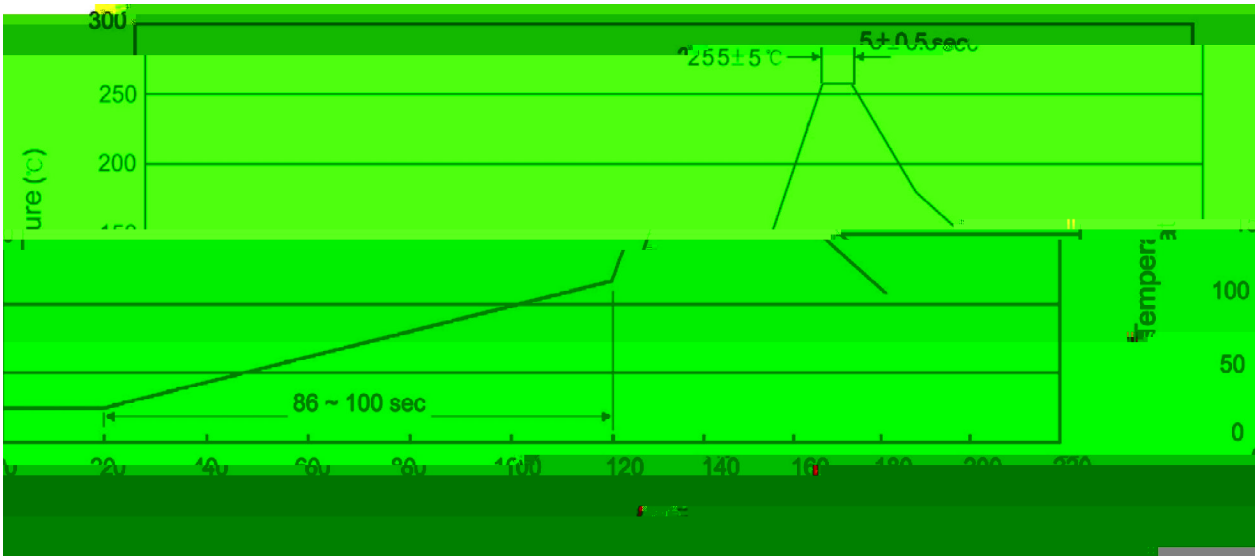
v ̈Ω Parameter	ϒ N Symbol	̈Ω Ö Rating	D Ɥ Unit

/ Electrical Characteristic Curve

/ Package Dimensions



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



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 ㅅ ㎛ 5 ° 0.5sec;

3 ì ˙ ㅅ ˛ ɔ ෯ 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.

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

ˈQ ţ ㅛ Ł / BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm³)		
	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Bag 袋	Inner Box 盒	Outer Box 箱
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

˛ ㄱ ㅛ Ł / TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm³)		
	Units/Tube 只/套管	Tubes/Inner Box 套管/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Tube 套管	Inner Box 盒	Outer Box 箱
TO-220/F	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180

/ Notices