"Yت / Descriptions

TO-220F　　Voltage Regulator in a TO-220F Plastic Package.

◕ È / Features

1.5A,

3-Terminal regulators ,output current up to 1.5A, internal thermal overload protection and short-circuit limiting.

٧ ِ / Applications

Voltage Regulator.

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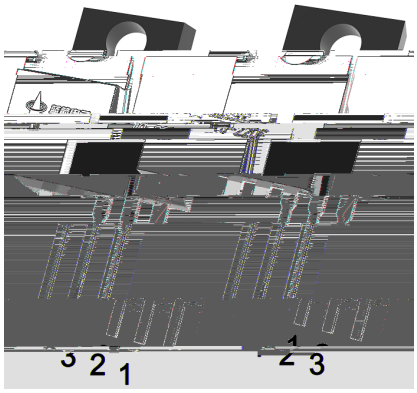
ẵ ﻉ ٗ ٞ / Pinning



PIN1　IN　　PIN 2　GND　　PIN 3　OUT

ﻁ. ʜ ڋ / Marking

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Input voltage	V_I	35	V
Thernal Resistance Junction-ambient	$R_{\theta JA}$	3.9744 0 0 13.9d2mV87.0172 0348004 r2 .448 0 0 1	

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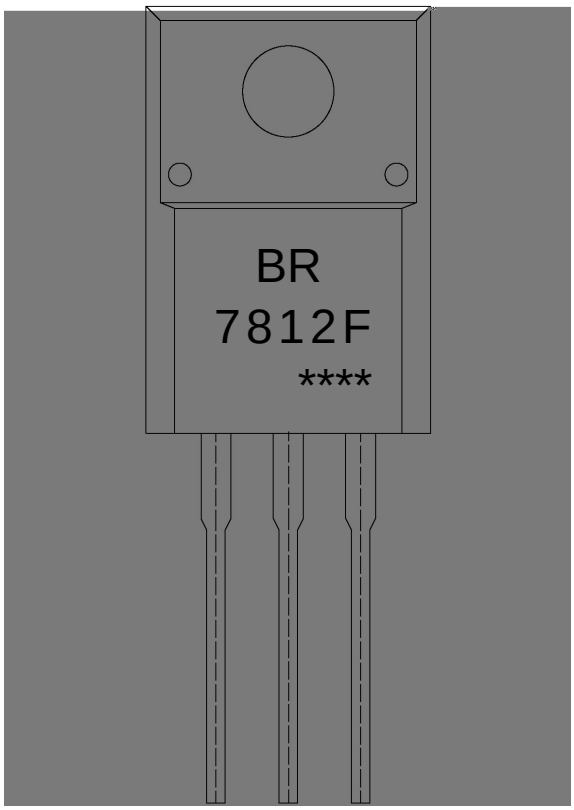

BR

7812F

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Note:

BR:	Company Code
7812F:	Product Type
****:	Lot No. Code, code change with Lot No

↓ ș ╕ẘ´E ᛋ ʃ (ᾠ ᴈ) / Temperature Profile for Dip Soldering(Pb-Free)

Note:

1 25 150 60 90sec;

2 255±5 5±0.5sec;

3 2 10 /sec.

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

2.Peak Temp.:255±5 , Duration:5±0.5sec.

3. Cooling Speed: 2~10 /sec.

ᐧ ŭ ɋ ‾ `Y Ţ / Resistance to Soldering Heat Test Conditions

270±5 10±1 sec. Temp.:270±5 Time:10±1 sec

ɒ Ŀ ᐸ— / Packaging SPEC.

/ BULK

Package Type Units Dimension (unit mm^3)