

/ Descriptions

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

/ Features

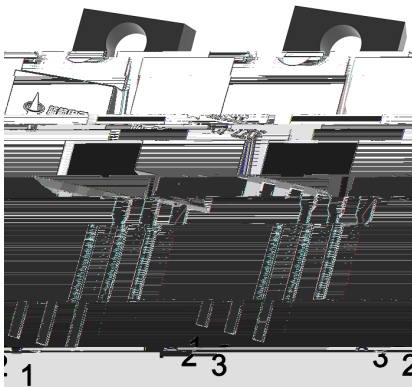
1.5A,
3-Terminal regulators ,output current up to 1.5A, internal thermal overload protection and short-circuit limiting.

/ Applications

Voltage Regulator.

/ Equivalent Circuit or Application Circuit

/ Pinning



PIN1 IN PIN 2 GND PIN 3 OUT

/ Marking

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Input voltage	V_i	35	V
Thermal Resistance Junction-ambient	R_{JA}		

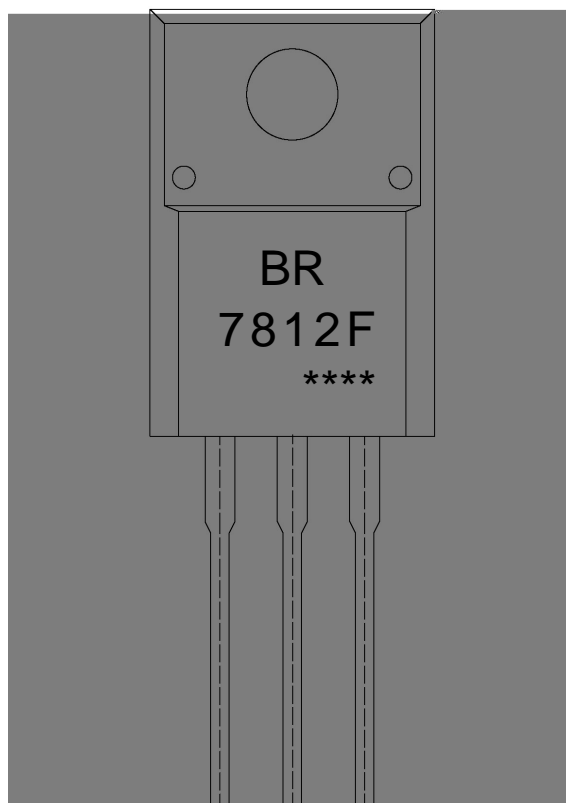
7812F
Rev.1 Jun.-2024

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DATA SHEET

/ Marking Instructions



BR

7812F

Note:

BR: Company Code

7812F: Product Type

****: Lot No. Code, code change with Lot No

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

- | | | | | | |
|---|-------|-----|-----------|--------|---|
| | | | | | |
| 1 | 25 | 150 | 60 | 90sec; | Note:
1.Preheating:25~150 , Time:60~90sec.
2.Peak Temp.:255±5 , Duration:5± 0.5sec.
3. Cooling Speed: 2~10 /sec. |
| 2 | 255±5 | | 5±0.5sec; | | |
| 3 | | 2 | 10 /sec. | | |

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ BULK

Package Type	Units	Dimension	(unit mm ³)
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