

/ Descriptions

TO-252

Voltage Regulator in a TO-252 Plastic Package.

/ Features

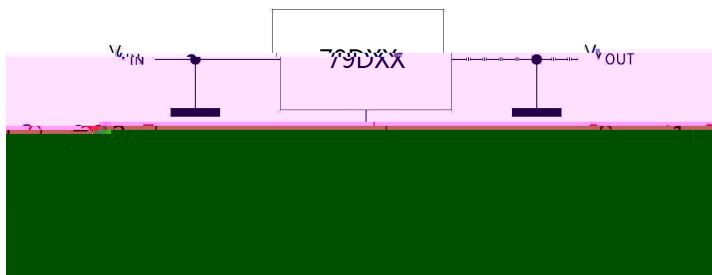
1.5A,

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

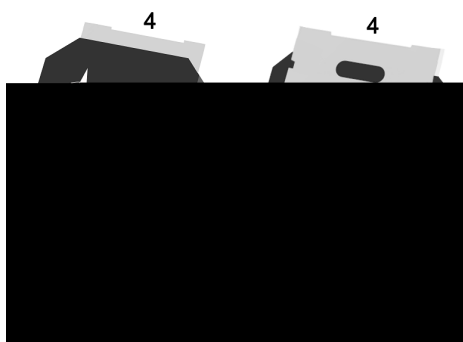
/ Applications

Voltage Regulator.

/ Equivalent Circuit or Application Circuit



/ Pinning



PIN1 IN

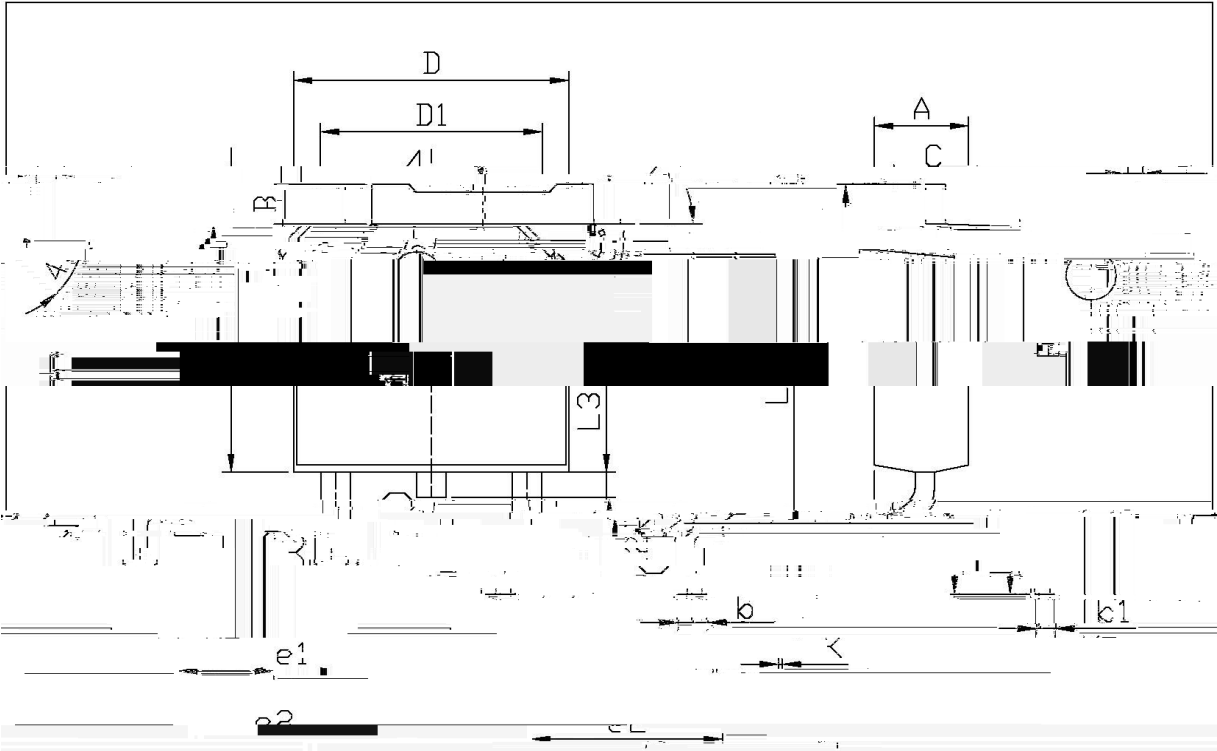
PIN 2 4 GND

PIN 3 OUT

/ Marking

See Marking Instructions.

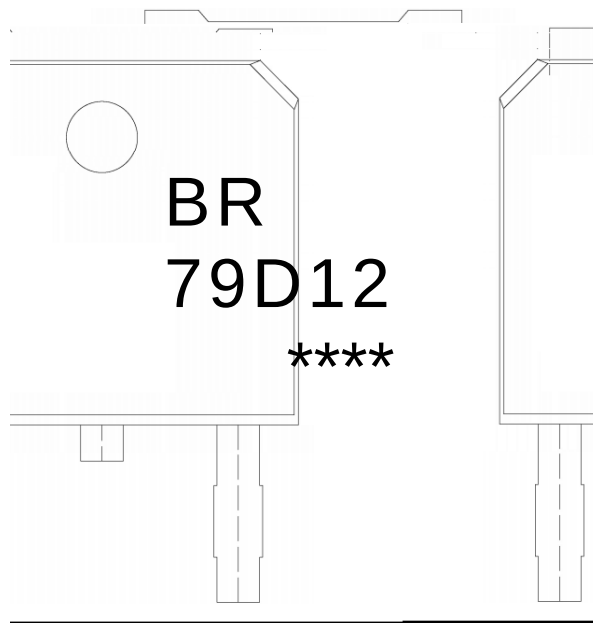
/ Package Dimensions



单位: mm

Dimensions, Millimeters		Dimensions, In Millimeters	
Min	Max	Min	Max
D			
4.6	5.0	0.18	0.20
D1			
4.6	5.0	0.18	0.20
A			
0.95	1.25	0.037	0.050
C			
0.95	1.25	0.037	0.050
B			
0.95	1.25	0.037	0.050
L3			
0.60	0.60	0.024	0.024
e1			
2.24	2.32	0.088	0.091
b			
0.45	0.55	0.018	0.022
k1			
0.10	0.10	0.004	0.004
K			
0.10	0.10	0.004	0.004
TO-252			

/ Marking Instructions



BR

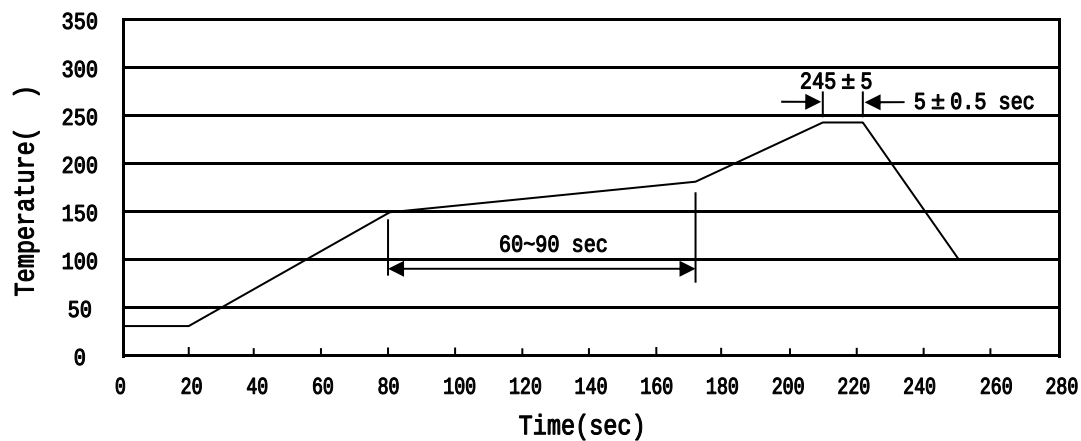
79D12

Note:

BR: Company Code

79D12: Product Type

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

() / Temperature Profile for IR Reflow Soldering(Pb-Free)


Note:

- | | | | | | |
|---|-------|-----|-----------|--------|---|
| 1 | 150 | 180 | 60 | 90sec; | 1.Preheating:150~180 , Time:60~90sec. |
| 2 | 245±5 | | 5±0.5sec; | | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 | | 2 | 10 | /sec. | 3. Cooling Speed: 2~10 /sec. |

/ Resistance to Soldering Heat Test Conditions

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ Packaging SPEC.
/ REEL

Package Type	Units					Dimension (unit mm ³)		
TO-252	2,500	2	5,000	6	30,000	13 ×16	360×360×50	380×335×366

/ TUBE

Package Type	Units					Dimension (unit mm ³)		
TO-251/252	75	48	3,600	5	18,000	526×20.5×5.25	555×164×50	575×290×180

/ Notices