

BD912

Rev. H Oct.-2018

TO-220

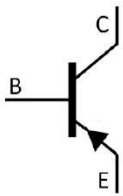
PNP

Silicon PNP transistor in a TO-220 Plastic Package.

, BD911

High V_{CEO} , high I_C , complement to BD911.

Use in power linear and switching applications.



PIN1 Base

PIN 2 Collector

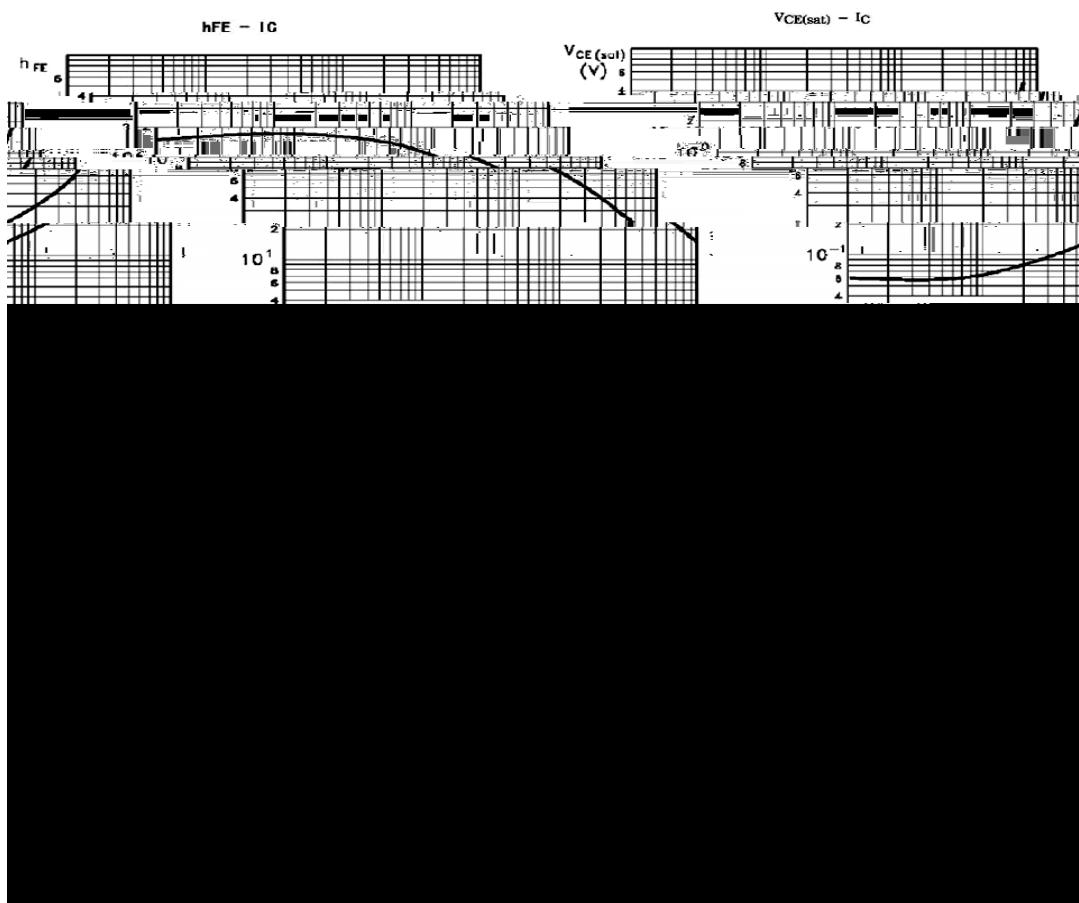
PIN 3 Emitter

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Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-100	V
Collector to Emitter Voltage	V_{CEO}	-100	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-15	A
Base Current – Continuous	I_B	-5.0	A
Collector Power Dissipation	$P_C(T_C=25^\circ\text{C})$	90	W
Junction Temperature	T_j	150	

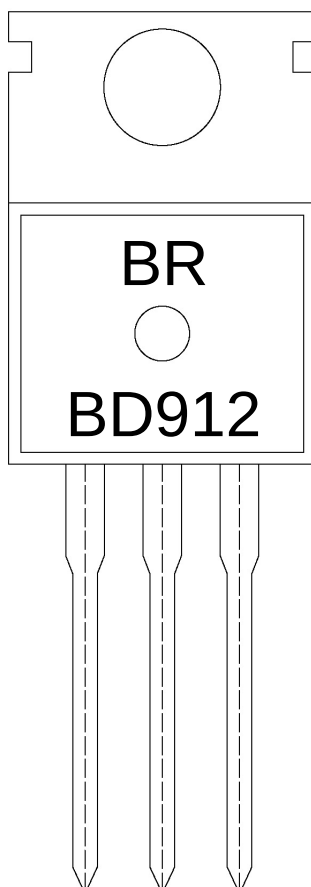
/ Electrical Characteristic Curve



单位: mm TO-220



/ Marking Instructions



BR

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Note:

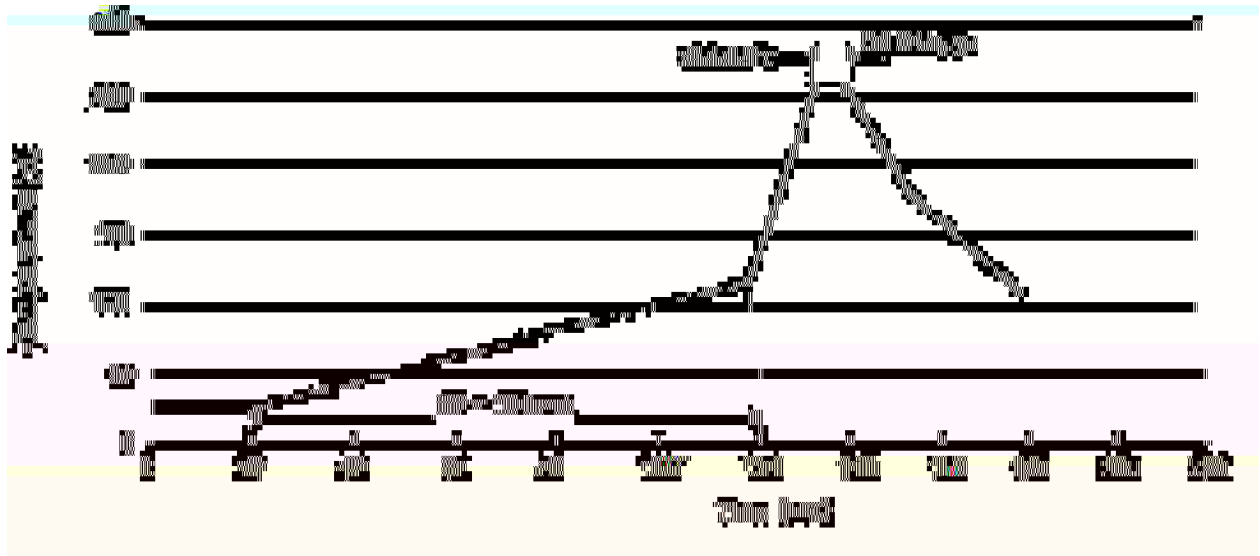
BR: Company Code

BD912: Product Type.

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



() / 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.

/ Resistance to Soldering Heat Test Conditions

270±5

10±1 sec.

Temp.:270±5

Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	只袋	袋盒	只盒	盒箱	只箱	袋	盒	箱