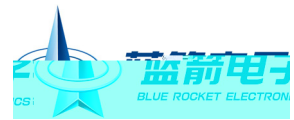


BRMJD45DP

Rev.A Nov.-2023



DATA SHEET

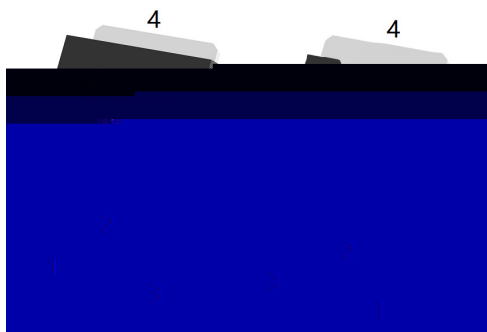
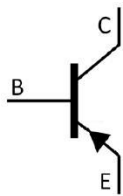
TO-252 PNP

Silicon PNP transistor in a TO-252 Plastic Package.

BRMJD44DP

Complement to BRMJD44DP,HF product.

Medium power linear switching applications.



PIN1 Base

PIN 2,4 Collector

PIN 3 Emitter

Parameter

Electrical Characteristic Curve

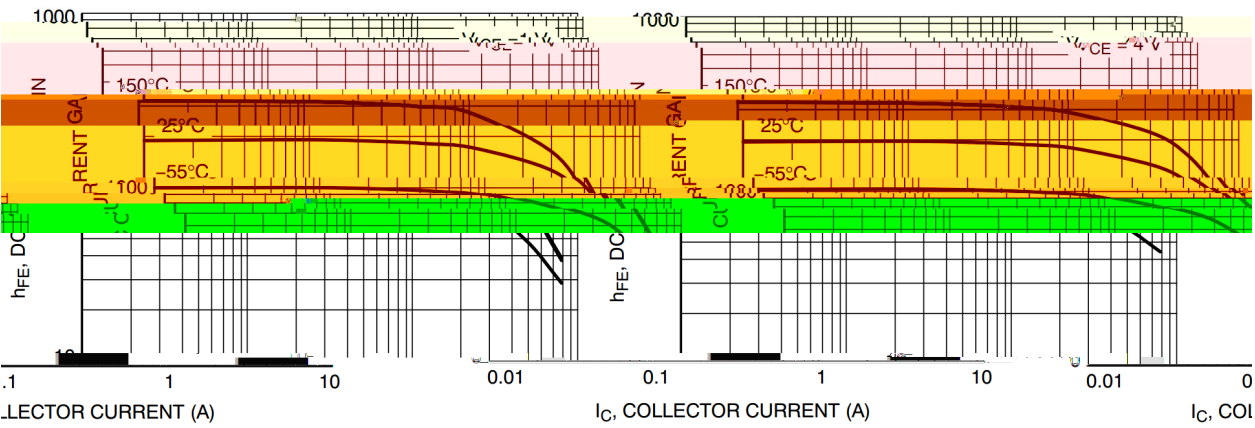


Figure 2. DC Current Gain

Figure 1. DC Current Gain

Figure 1

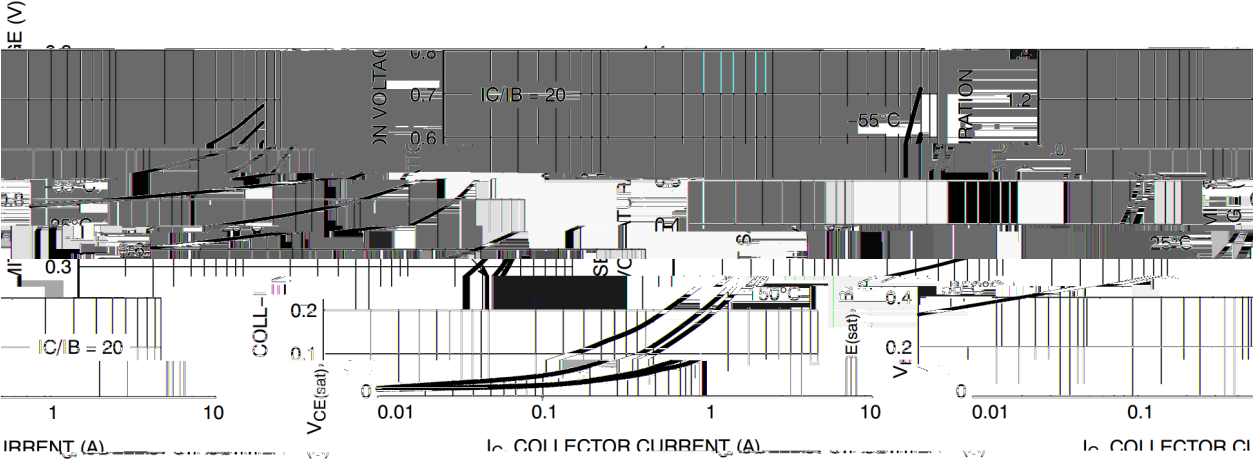
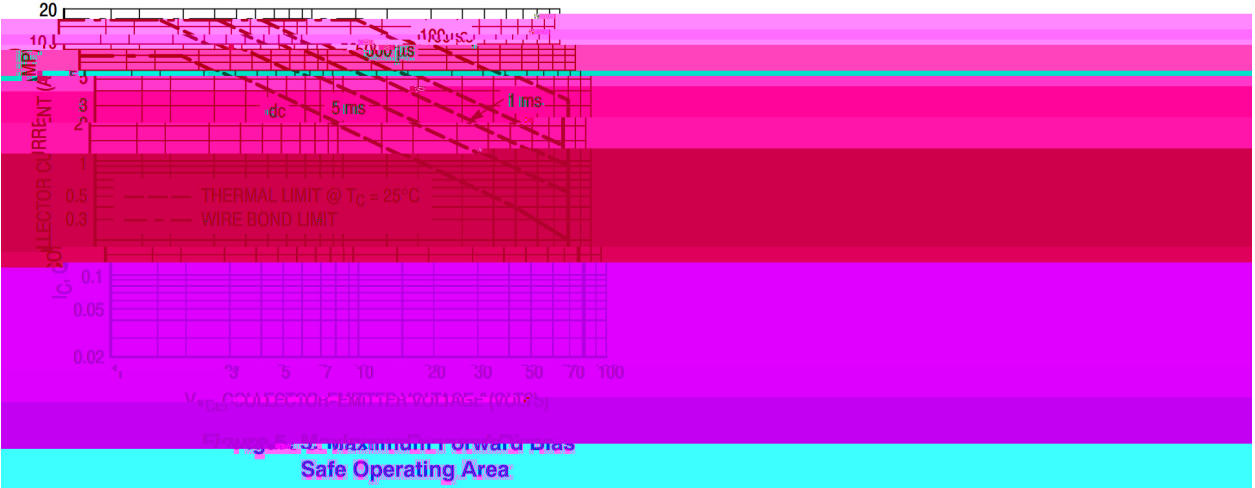
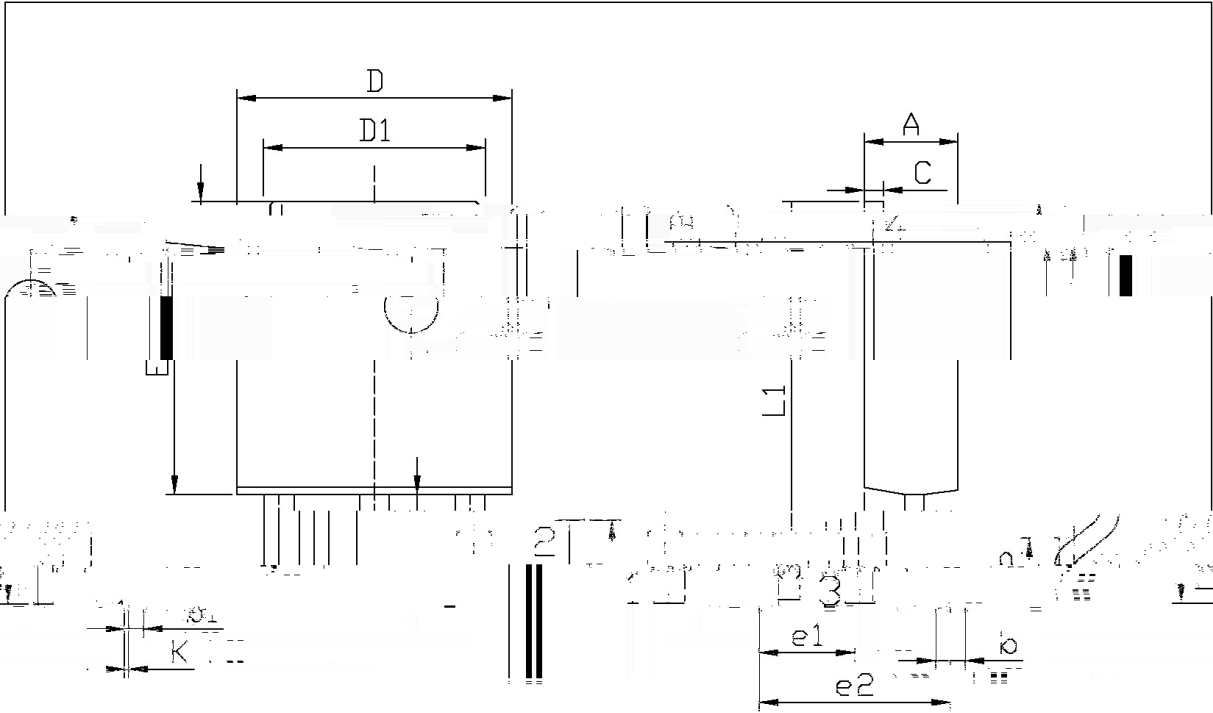


Figure 4. Saturation Voltage

Figure 3. Saturation Voltage



/ Package Dimensions

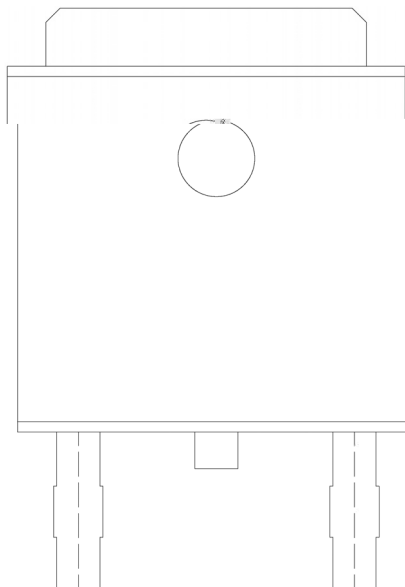


单位: mm

Dimensions in Millimeters				Dimensions in Millimeters			
Symbol	Min	Max	Symbol	Min	Max	Symbol	Min
D	6.45	6.75	L3	0.45	0.55	L1	1.25
D1	5.10	5.50	K	0.00	0.10	e1	2.24
						e2	2.34
						b	0.95
						b1	0.50
							0.90
							0.45
							0.55

TO-252

/ Marking Instructions



BR

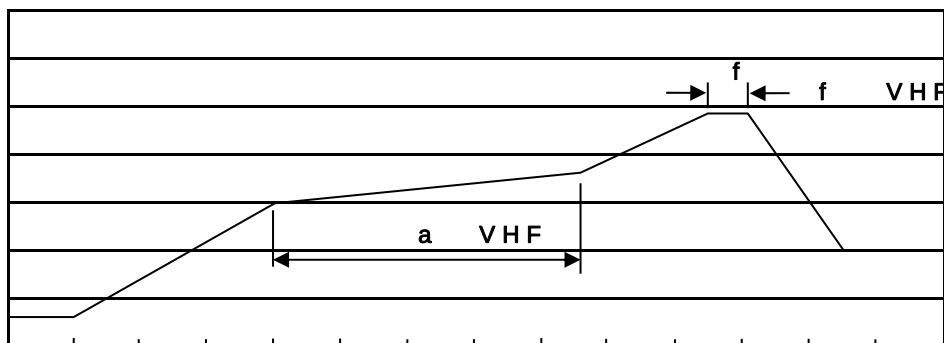
MJD45

Note:

, code change with Lot No【 】-(57 .001()Tj.4985 -1.5657 TD0 T0()Tj22.3575 -1.42 0 111o0 0 25

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

7HPSHUDWXUH



7LPH VHF

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 7~E	Units ;>H					Dimension ;>p . (unit A/mm³)		
	1x	1x	1x	1x	1x	1x	1x	1x
TO-252	2,500	2	5,000	6	30,000	13 s ×16	360×360×50	380×335×366

/ TUBE

Package Type 7~E	Units ;>H					Dimension ;>p . (unit A/mm³)		
	1x	1x	1x	1x	1x	1x	1x	1x
TO-251/252	75	48	3,600	5	18,000	526×20.5×5.25	555×164×50	575×290×180

/ Notices