/ Descriptions

TO-252 NPN Silicon NPN transistor in a TO-252 Plastic Package.

/ Features

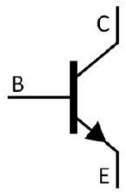
BRMJD42C

Complement to BRMJD42C,HF product.

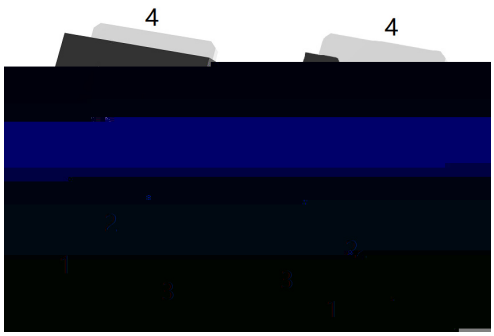
/ Applications

Medium power linear switching applications.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2,4 Collector PIN 3 Emitter

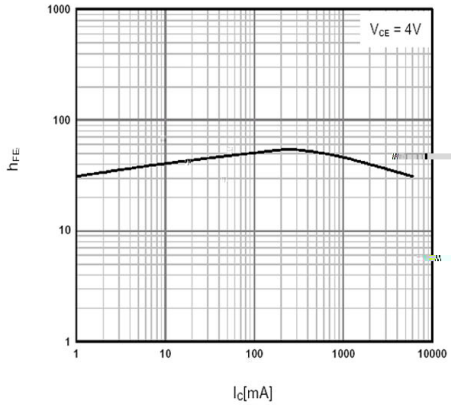
/ h_{FE} Classifications & Marking

See Marking Instructions.

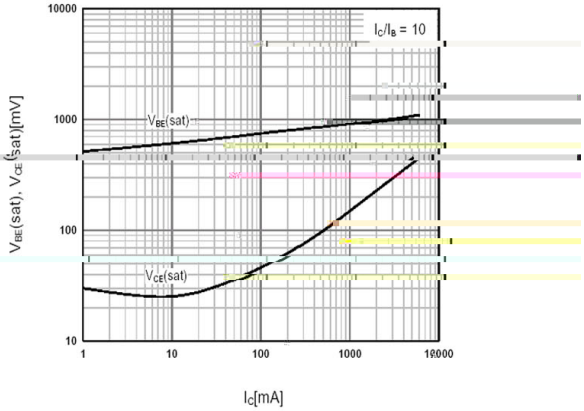
Symbol	Rating	Unit
V_{CBO}	100	V
V_{CEO}	100	V
V_{EBO}	5.0	V

/ Electrical Characteristic Curve

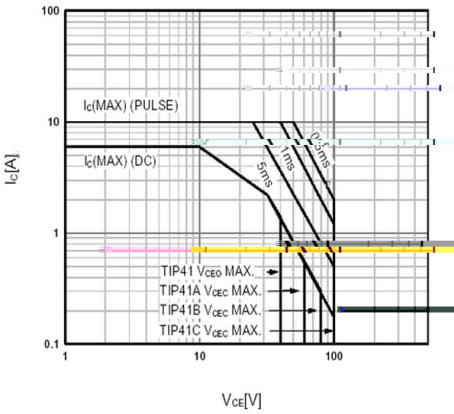
hFE - Ic



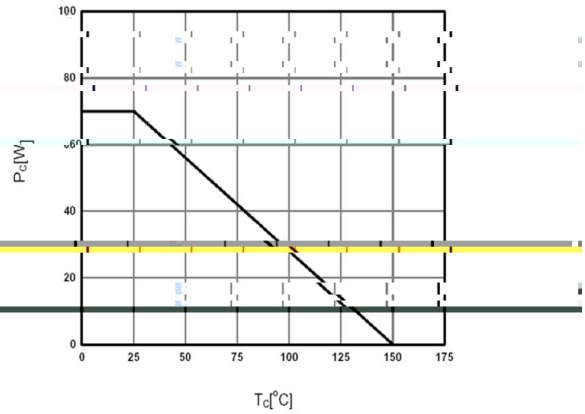
VBE(sat), VCE(sat) - Ic



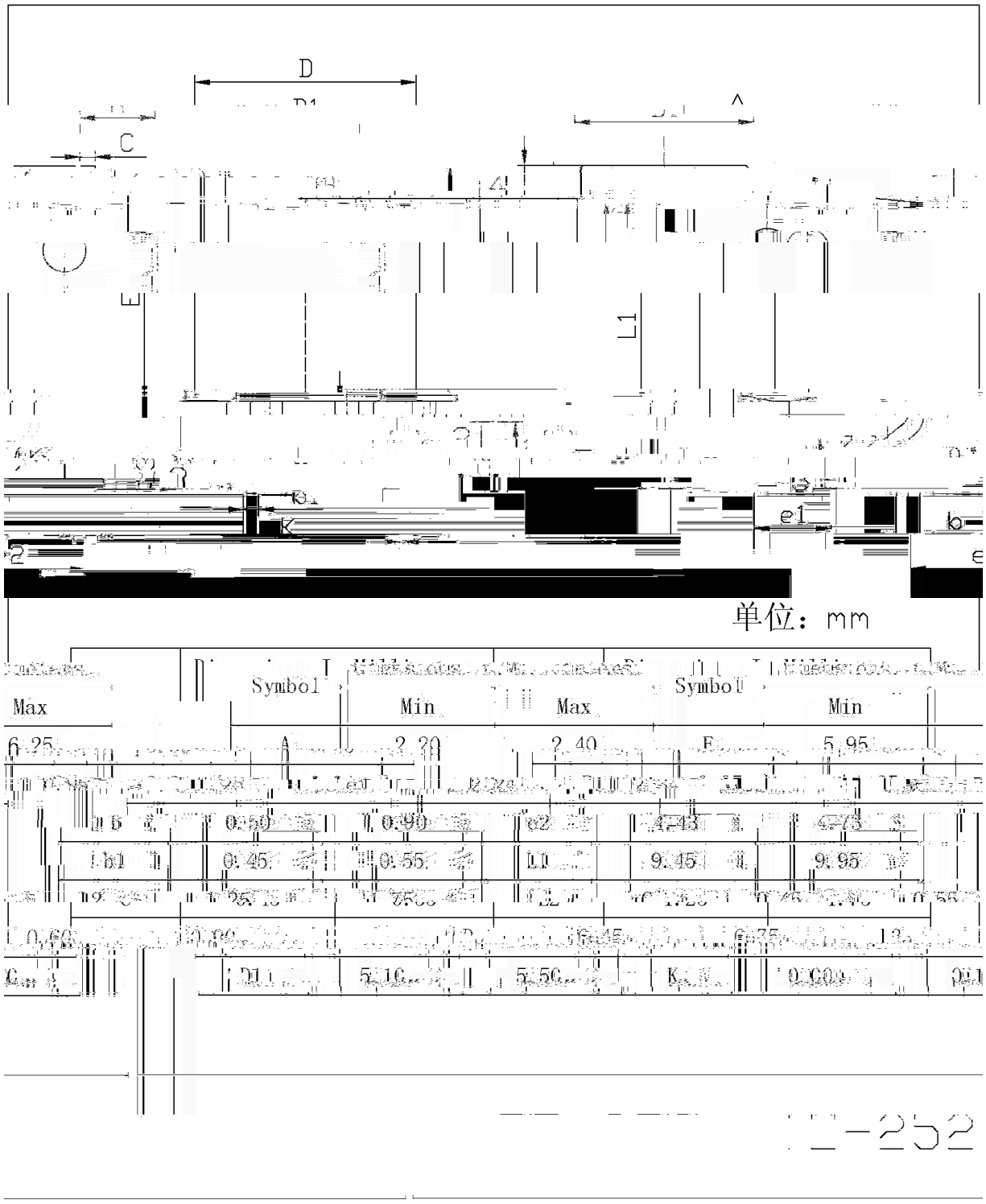
Ic - VCE



PC - TC



/ Package Dimensions



Symbol	Min	Max	Symbol	Min	Max
A	2.20	2.40	E	5.95	6.25
b	0.50	0.90	e2	4.43	4.73
b1	0.45	0.55	L1	9.45	9.95
c	0.40	0.60	L2	1.40	1.70
D1	5.10	5.50	K	0.000	0.200