2SD600K

Rev.E Mar.-2016

DATA SHEET

/ Descriptions

TO-126F NPN Silicon NPN transistor in a TO-126F Plastic Package.

/ Features

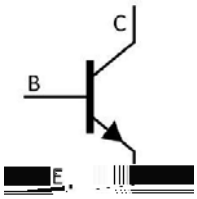
V_{CEO} , 2SB631K

High V_{CEO} ,high current, low $V_{CE(sat)}$ and good linearity of h_{FE}; complementary pair with 2SB631K.

/ Applications

Low frequency power amplifier, medium speed switching applications.

/ Equivalent Circuit

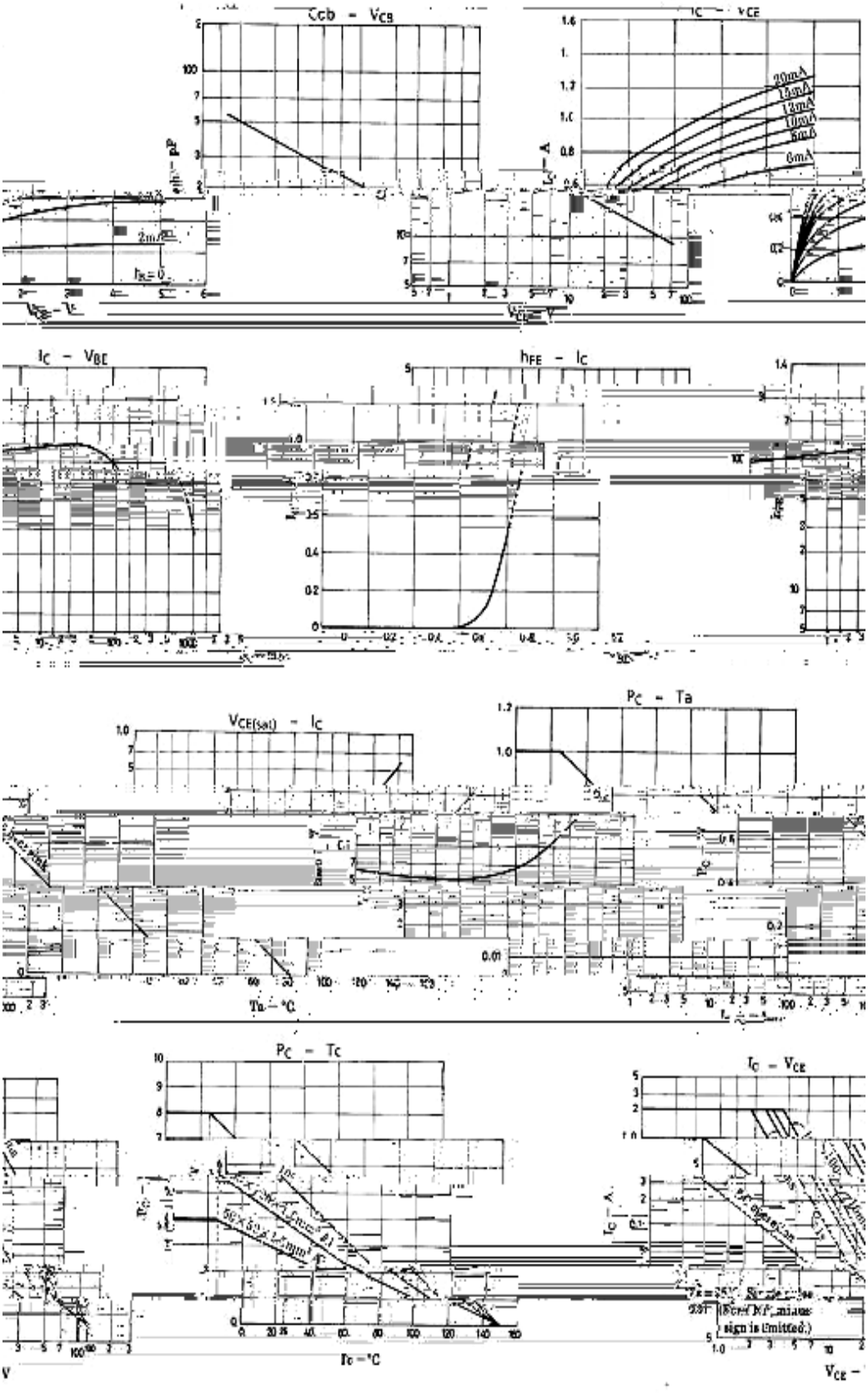


PIN1 Emitter PIN 2 Collector PIN 3 Base

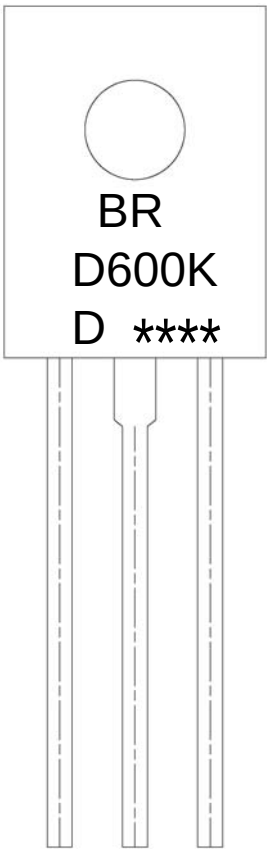
/ h_{FE} Classifications & Marking

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V	120	V
Collector to Emitter Voltage	V_{CEO}	120	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current - Continuous	I	1.0	A
Peak Collector Current	$_{CP}$	2.0	A
Collector Power Dissipation	P_C	1.0	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

/ Electrical Characteristic Curve



/ Marking Instructions



BR

D600K

D: h_{FE}

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Note:

BR:	Company Code
D600K:	Product Type.
D:	h_{FE} Classifications Symbol
****:	Lot No. Code, code change with Lot No.