

**/ Descriptions**

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

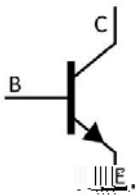
**/ Features**

$V_{CE0}$  ,      2SB631K  
High  $V_{CE0}$  ,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**

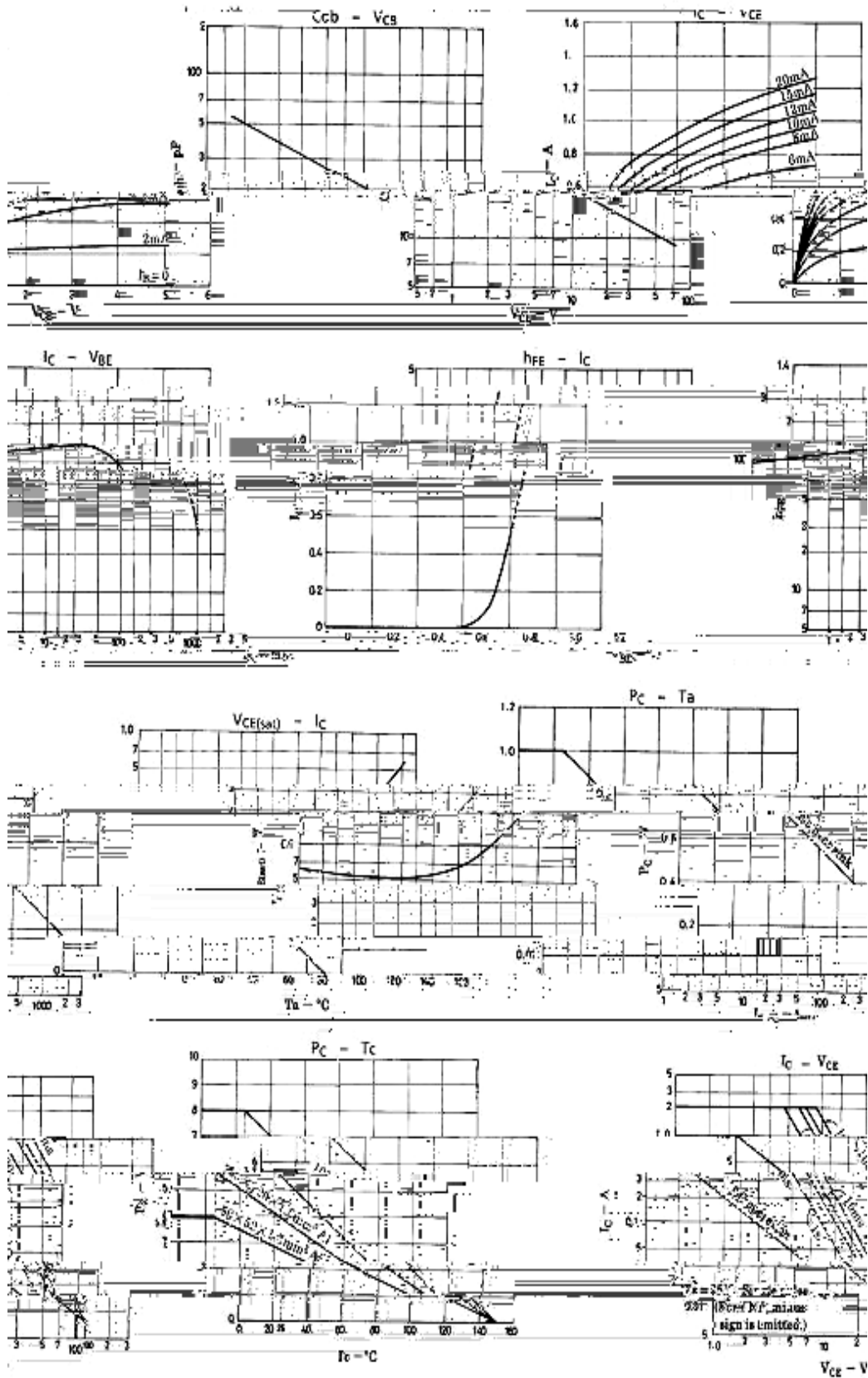


PIN1 Emitter      PIN 2 Collector      PIN 3 Base

**/  $h_{FE}$  Classifications & Marking**

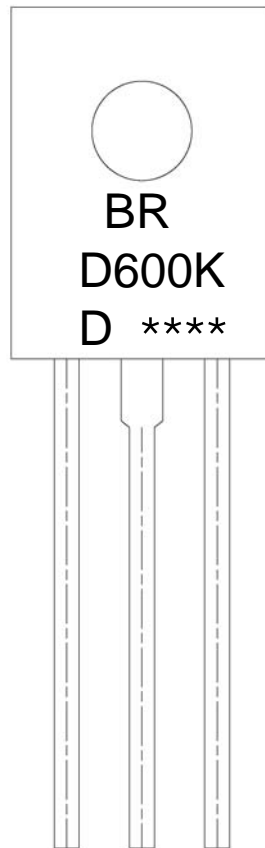
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V	120	V
Collector to Emitter Voltage	$V_{CEO}$	120	V
Emitter to Base Voltage	$V_{EBO}$	5.0	V
Collector Current - Continuous	I	1.0	A
Peak Collector Current	$I_{CP}$	2.0	A
Collector Power Dissipation	$P_C$	1.0	W
Junction Temperature	$T_j$	150	
Storage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

