/ Descriptions

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

/ Features

, h_{FE}

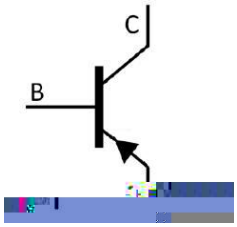
Low saturation voltage, excellent h_{FE} linearity and high h_{FE}, Halogen-free Product.

/ Applications

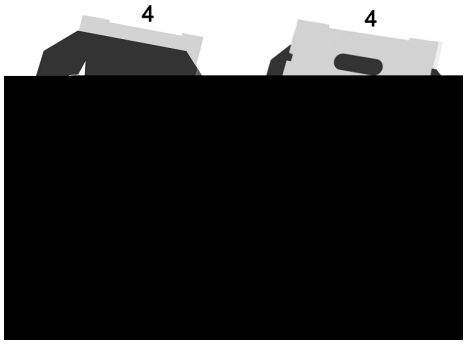
3 , ,

Output stage of 3 watts audio amplifier, voltage regulator, DC-DC converter and relay driver.

/ Equivalent Circuit



/ Pinning



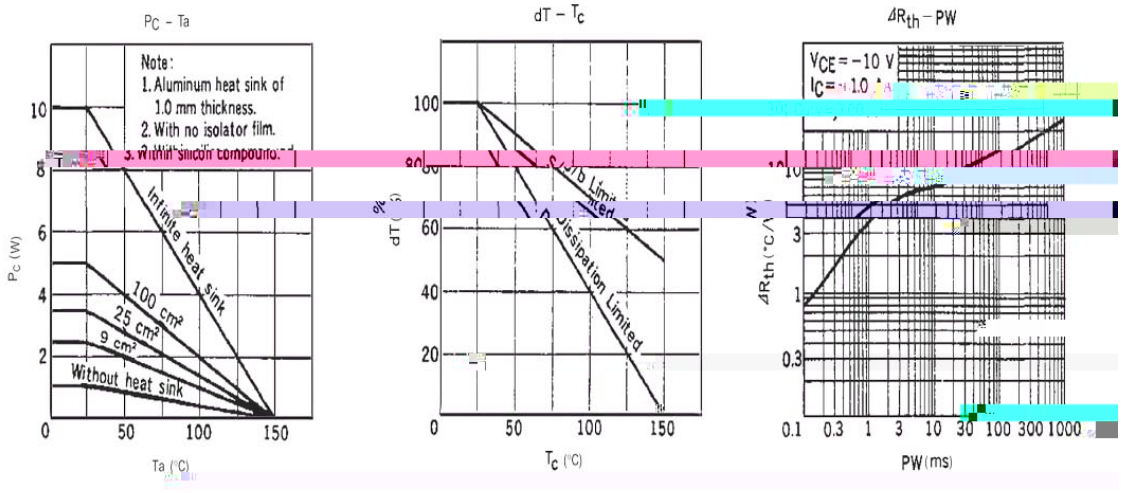
PIN1 Base PIN 2,4 Collector PIN 3 Emitter

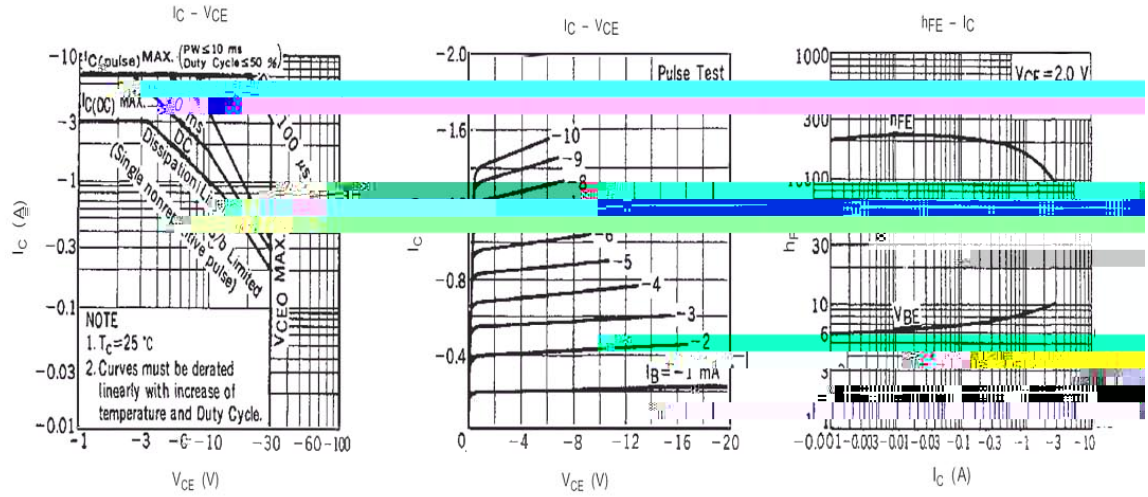
/ h_{FE} Classifications & Marking

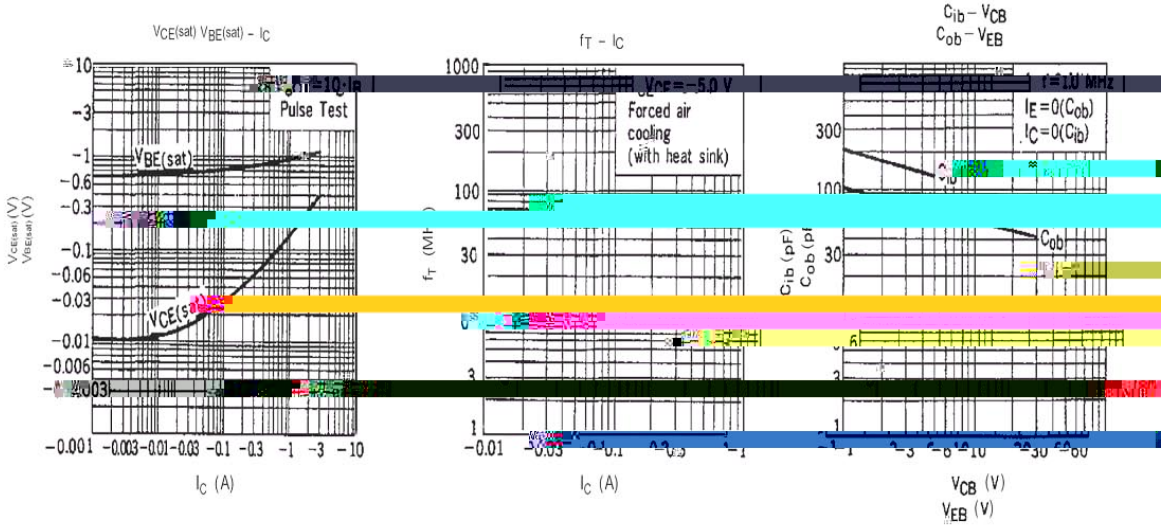
h_{FE} Classifications Symbol	R	Q	P	E
h_{FE} Range	60 120	100 200	160 320	200 400

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-40	V
Collector to Emitter Voltage	V_{CEO}	-30	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-3.0	A
Collector Power Dissipation	P_C	1.0	W
	$P_C(T_C=25$)	10	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

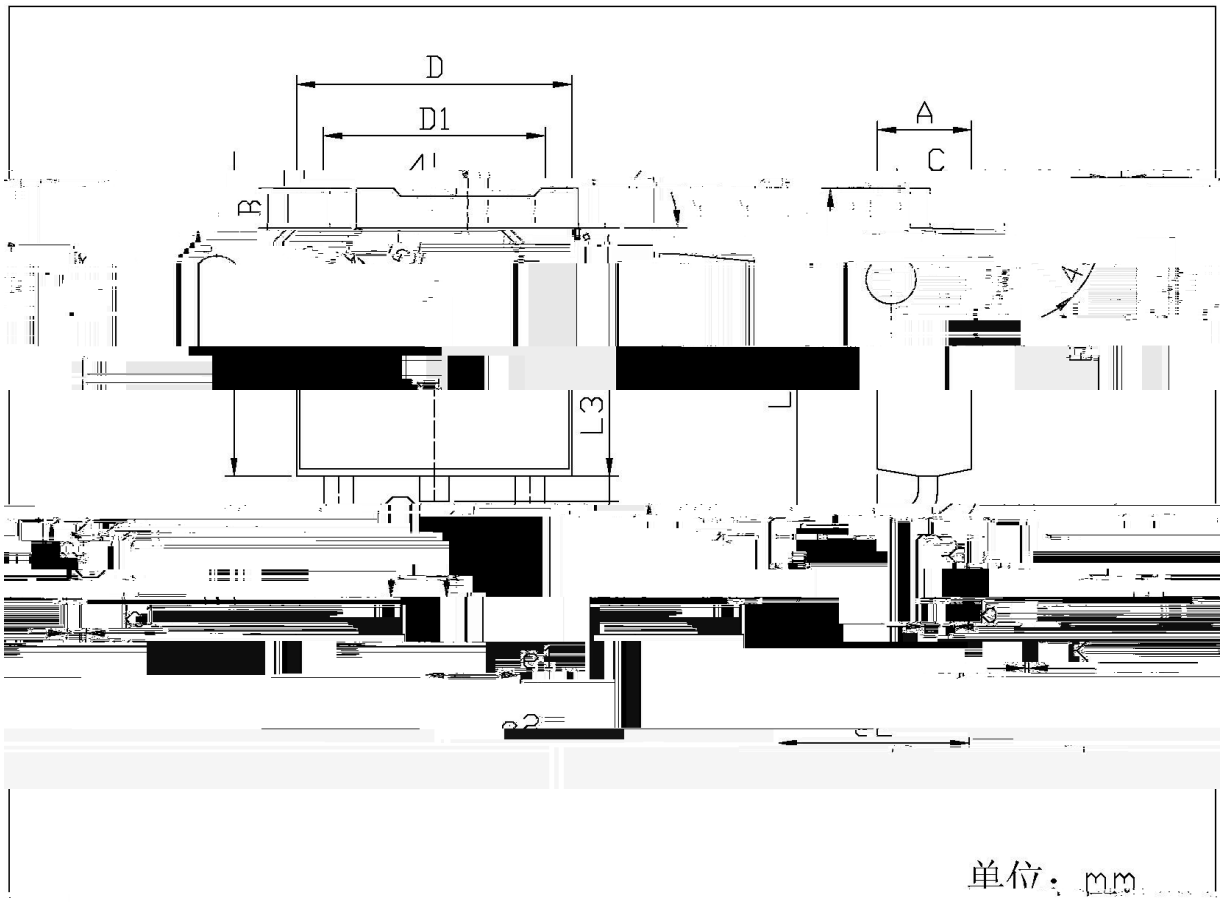
/ Electrical Characteristic Curve







/ Package Dimensions

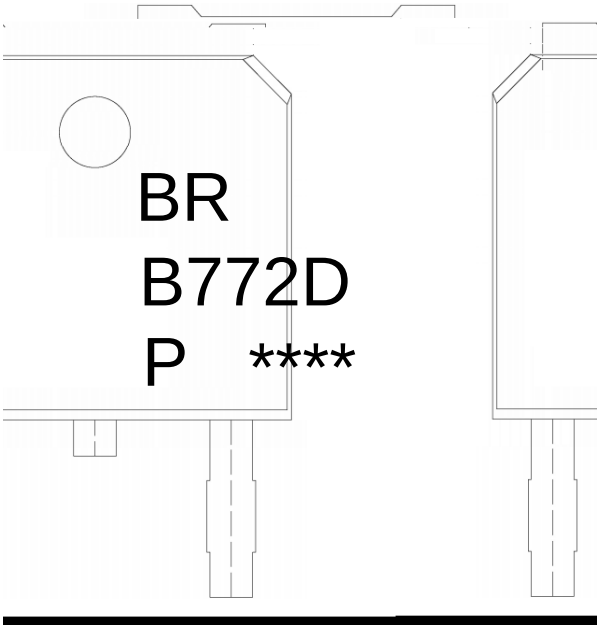


单位：mm

Dimensions In Millimeters						Dimensions In Millimeters					
Symbol	Min	Max	Symbol	Min	Max	Symbol	Min	Max	Symbol	Min	Max
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
e1	2.24	2.34				B	0.95	1.25			
e2	4.43	4.73				b	0.70	0.90			
[illegible]	10.35	[illegible]	b1	0.45	0.55						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	L3	0.60	0.90			
[illegible]	0.10		D1	5.10	5.50	K	0.00				

TO-252

/ Marking Instructions



BR

B772D

P: h_{FE}

****

Note:

BR:	Company Code
B772D:	Product Type
P:	h_{FE} Classifications Symbol
****:	Lot No. Code, code change with Lot No.