/ Descriptions

SOT-89 PNP Silicon PNP transistor in a SOT-89 Plastic Package.

/ Features

$V_{CE(sat)}$, ,h_{FE}

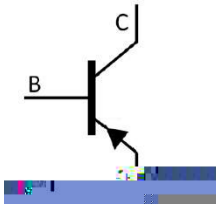
Low saturation voltage, excellent h_{FE} linearity and high h_{FE}. Halogen-free Product.

/ Applications

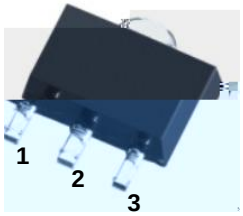
3 , ,

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

/ Equivalent Circuit



/ Pinning



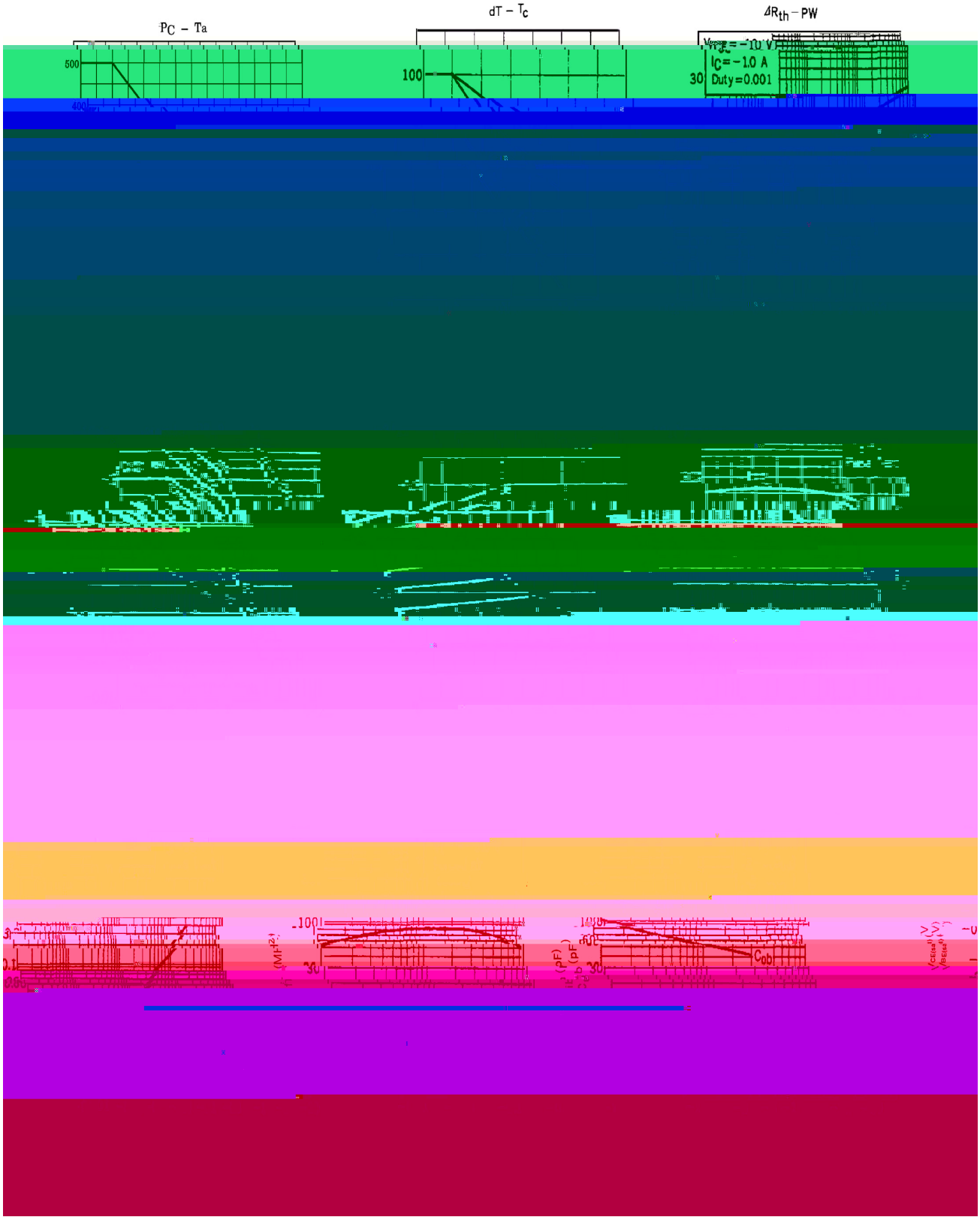
PIN1 Base PIN 2 Collector PIN 3 Emitter

/ Marking

h_{FE} Classifications Symbol	R	Q	P	E
h_{FE} Range	60 120	100 200	160 320	200 400
Marking	H72R ⁑	H72Q ⁑	H72P ⁑	H72E ⁑

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	500	mW
Junction Temperature			

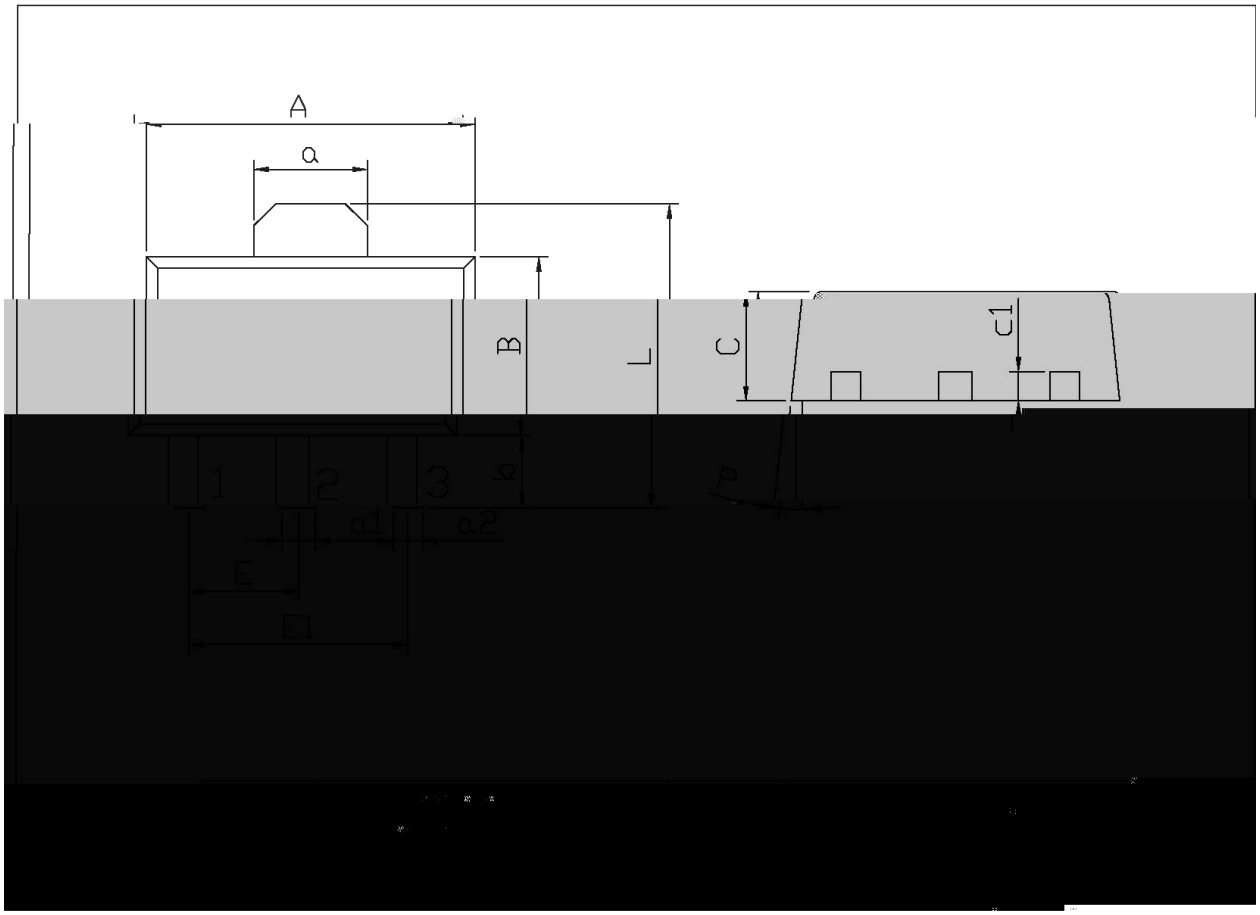
/ Electrical Characteristic Curve



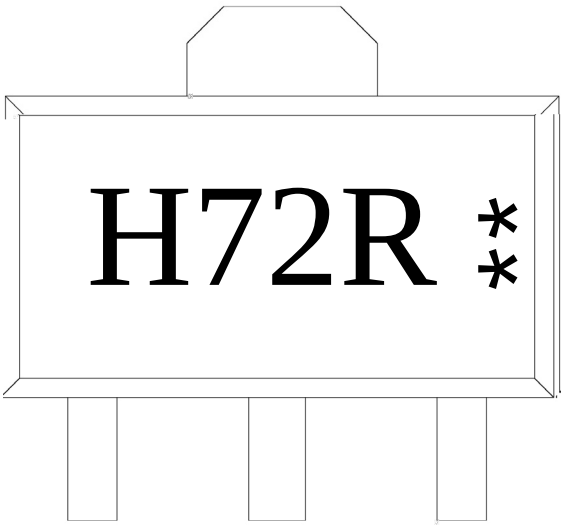
/ Package Dimensions

SOT-89

单位：mm



/ Marking Instructions



H

72

R h_{FE}

**

Note:

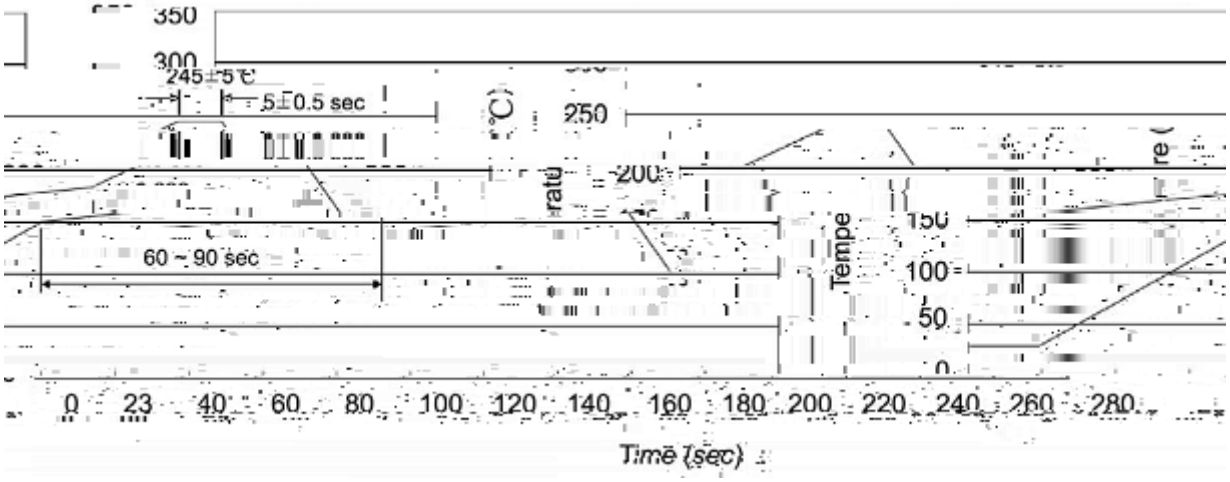
H: Company Code.

72: Product Type.

R h_{FE} Classifications Symbol

**: Lot No. Code, code change with Lot No.

( ) / Wh p shrdwxrh Prr iioh i r r IU Uhio r w Vroghriq j+Pe-Frhh,



Note:

1	25	150	60	90sec;	1.Preheating:25~150 , 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	Units					Dimension		(unit mm^3)

/ Notices