

GTM CORPORATION

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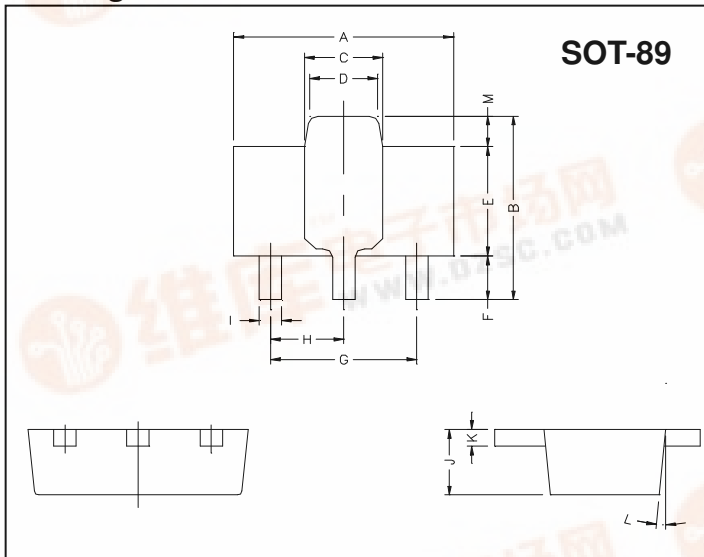
GM772

PNP EPITAXIAL PLANAR TRANSISTOR

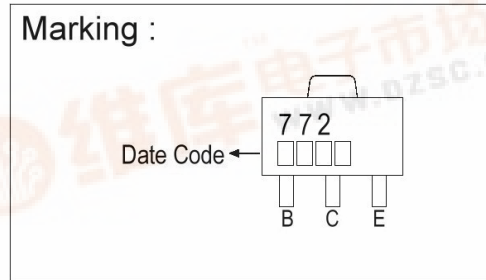
Description

The GM772 is designed for using in output stage of amplifier, voltage regulator DC-DC converter and driver.

Package Dimensions



Marking :



REF.	Millimeter		REF.	Millimeter	
	Min.	Max.		Min.	Max.
A	4.4	4.6	G	3.00	REF.
B	4.05	4.25	H	1.50	REF.
C	1.50	1.70	I	0.40	0.52
D	1.30	1.50	J	1.40	1.60
E	2.40	2.60	K	0.35	0.41
F	0.89	1.20	L	5° TYP.	
			M	0.70 REF.	

Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Ratings	Unit
Junction Temperature	Tj	+150	°C
Storage Temperature	Tstg	-55~+150	°C
Collector to Base Voltage	VCBO	-40	V
Collector to Emitter Voltage	VCEO	-30	V
Emitter to Base Voltage	VEBO	-5	V
Collector Current	Ic	-3	A
Total Power Dissipation	PD	1.2	W

Electrical Characteristics (Ta = 25°C, unless otherwise stated)

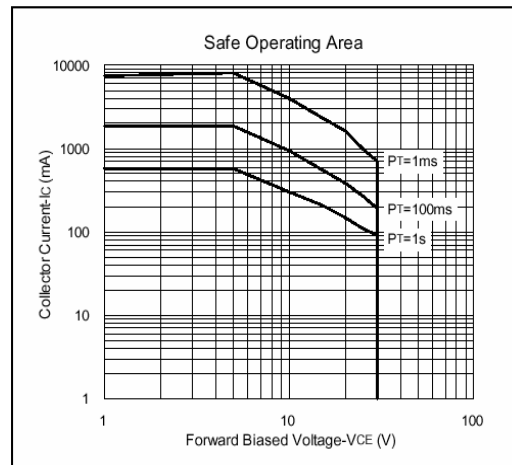
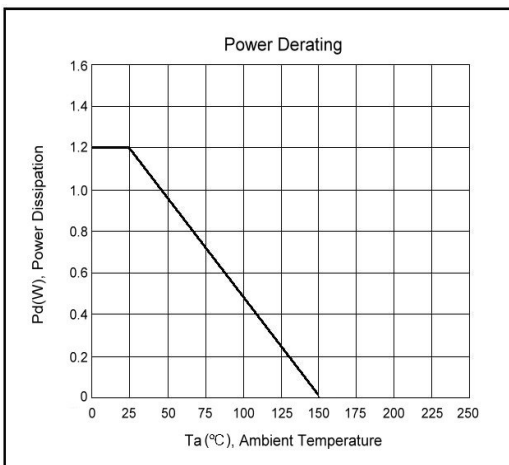
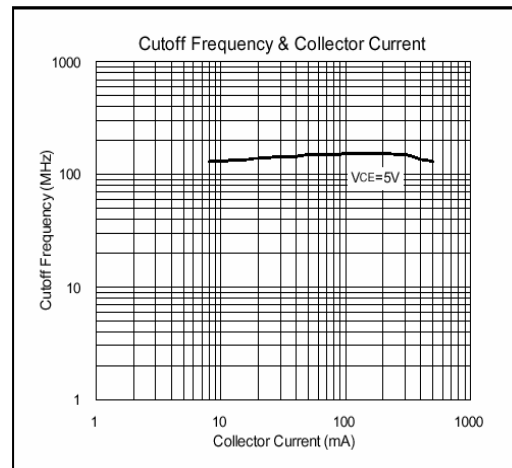
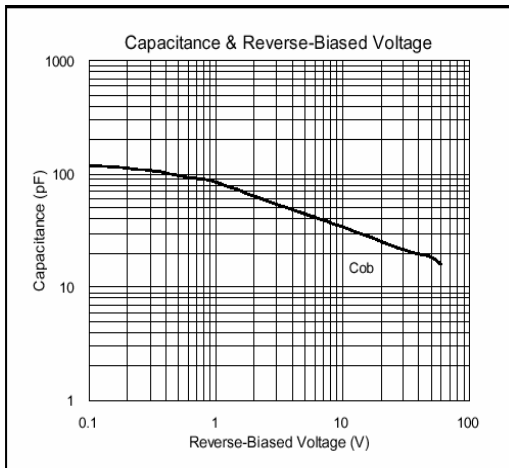
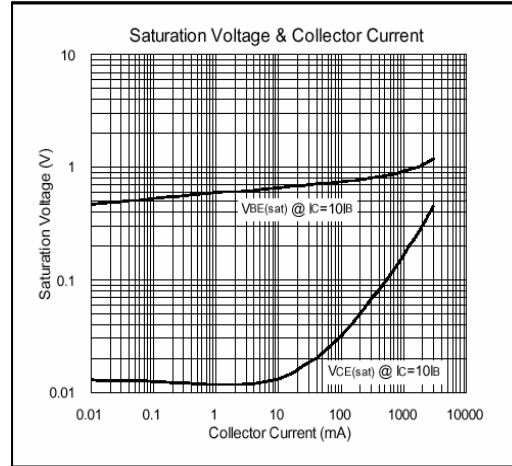
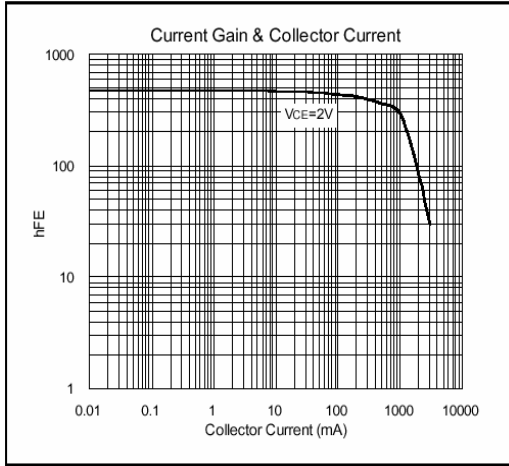
Symbol	Min.	Typ.	Max.	Unit	Test Conditions
BVCBO	-40	-	-	V	Ic=-100uA, IE=0
BVCEO	-30	-	-	V	Ic=-10mA, IB=0
BVEBO	-5	-	-	V	IE=-10uA, Ic=0
ICBO	-	-	-1	uA	VCB=-30V, IE=0
IEBO	-	-	-1	uA	VEB=-3V, Ic=0
*VCE(sat)	-	-0.3	-0.5	V	Ic=-2A, IB=-0.2A
*VBE(sat)	-	-1	-2	V	Ic=-2A, IB=-0.2A
*hFE1	30	-	-		VCE=-2V, Ic=-20mA
*hFE2	100	-	500		VCE=-2V, Ic=-1A
fT	-	80	-	MHz	VCE=-20V, Ic=-20mA, f=100MHz
Cob	-	55	-	pF	VCB=-10V, IE=0, f=1MHz

*Measured under pulse condition. Pulse width=300μs, Duty Cycle≤2%

Classification Of hFE2

Rank	Q	P	E
Range	100 ~ 200	160 ~ 320	250 ~ 500

Characteristics Curve



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Head Office And Factory:

- **Taiwan:** No. 17-1 Tatung Rd. Fu Kou Hsin-Chu Industrial Park, Hsin-Chu, Taiwan, R. O. C.
- TEL : 886-3-597-7061 FAX : 886-3-597-9220, 597-0785
- **China:** (201203) No.255, Jang-Jiang Tsai-Lueng RD. , Pu-Dung-Hsin District, Shang-Hai City, China
- TEL : 86-21-5895-7671 ~ 4 FAX : 86-21-38950165