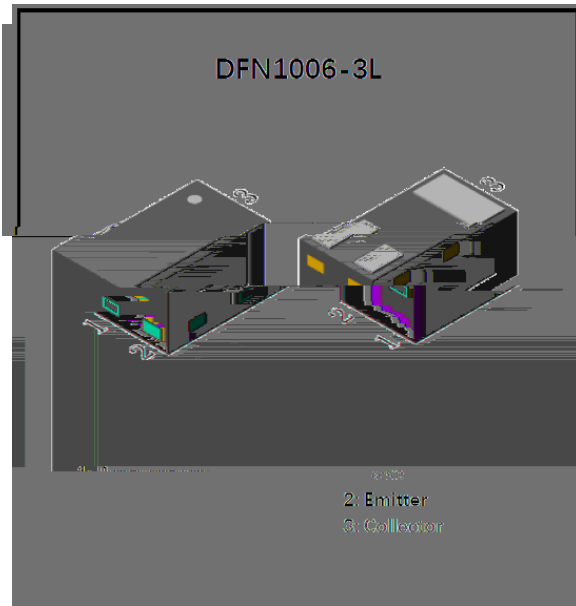


PNP General Purpose Amplifier



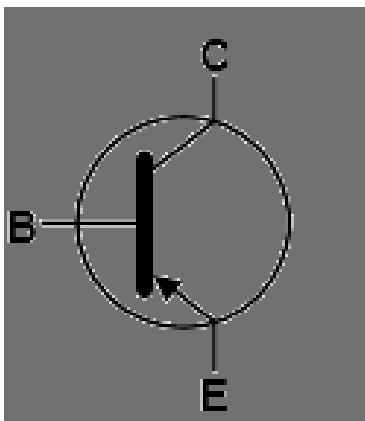
Features

- We declare that the material of product compliance with RoHS requirements and Halogen Free
- Surface mount package ideally suited for automatic Insertion
- Moisture Sensitivity Level 3
- General switching and amplification

Mechanical Data

- Package: DFN1006-3L
- Terminals: Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Marking: 2A

■Equivalent circuit



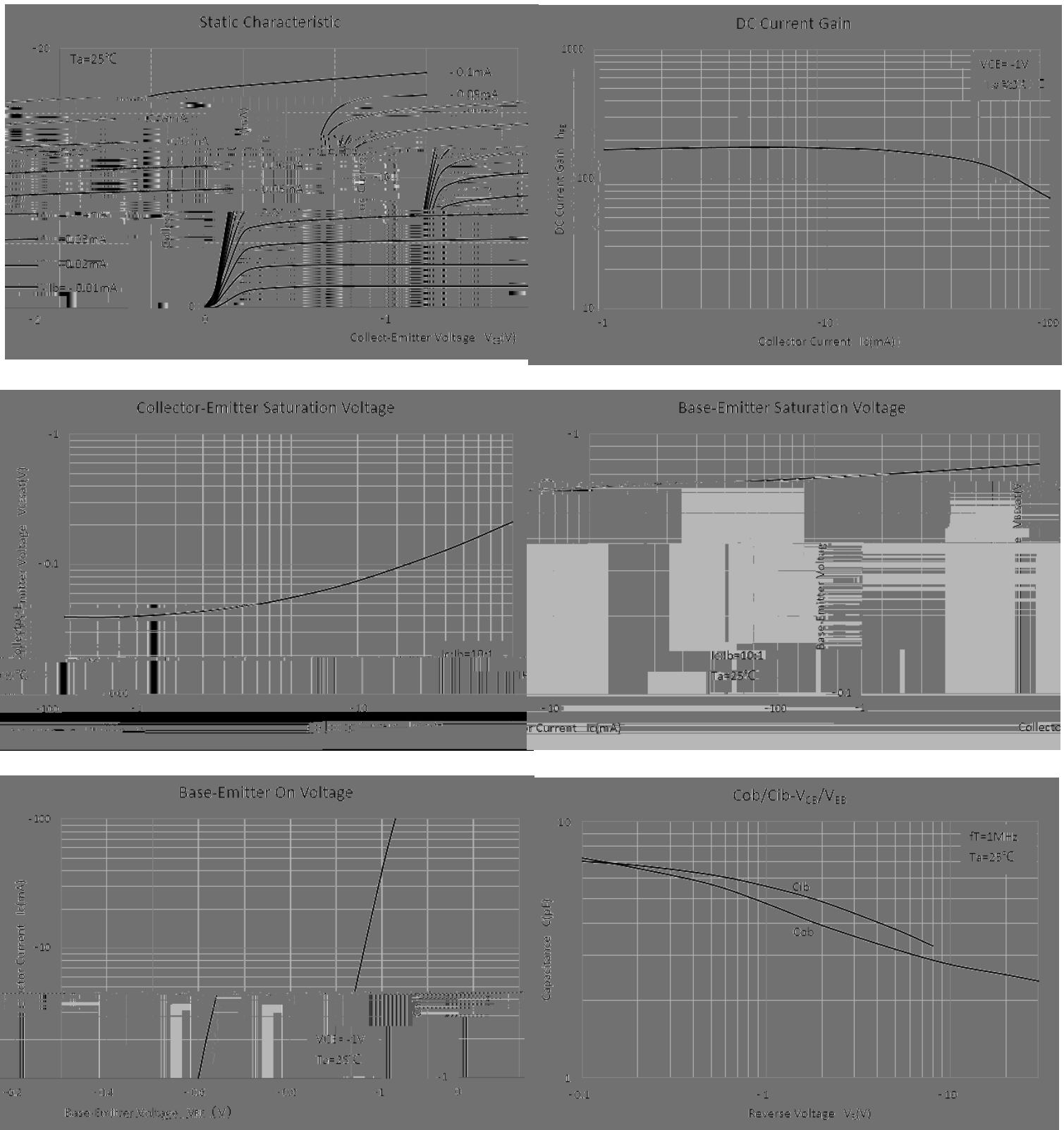
■Maximum Ratings (Ta=25 Unless otherwise specified)

Item	Sym			
	V_{CE0}	V	$I_C = -10 \text{ mA}, I_E = 0$	- 40
Collector-Emitter Voltage	V_{CE0}	V	$I_C = -1 \text{ mA}, I_B = 0$	- 40
Emitter-Base Voltage	V_{EB0}	V	$I_E = -10 \text{ mA}, I_C = 0$	- 5
Collector Current	I_C	mA		- 200
Collector Power Dissipation	P_C	mW		100
Operation Junction Temperature	T_j			-55 to +150
Storage Temperature	T_{STG}			-55 to +150



MMBT3906L3

■ Electrical Characteristics (Typical)



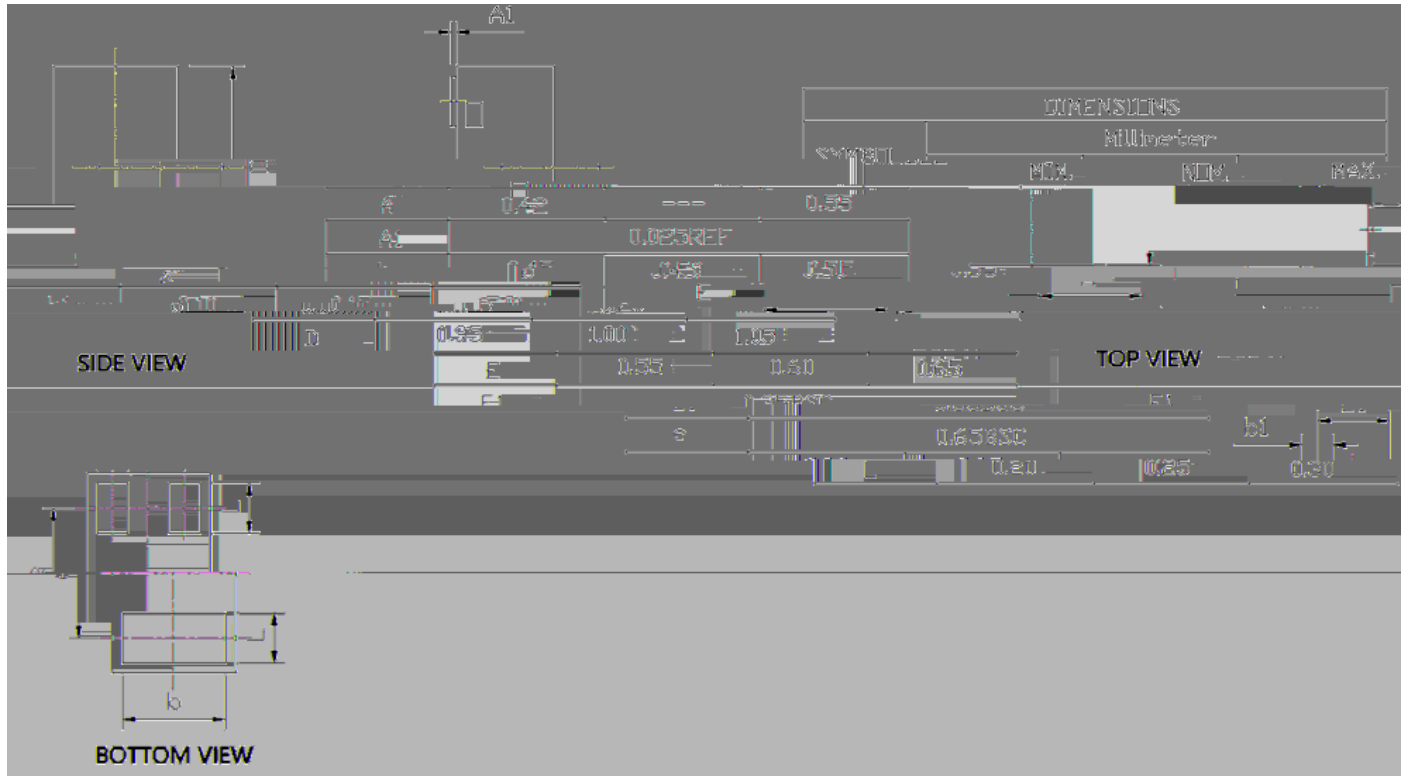


MMBT3906L3

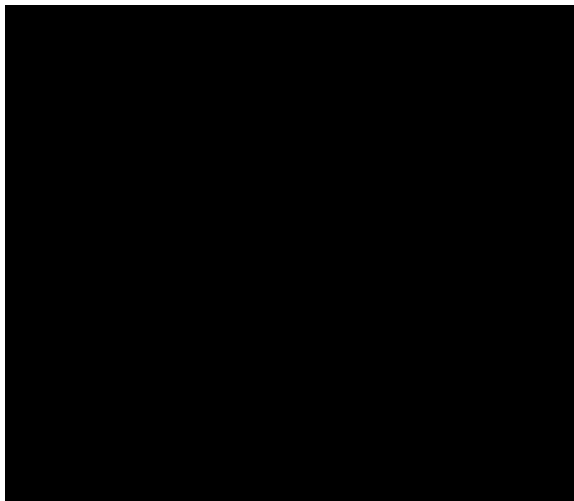
■ Ordering Information (Example)

PREFERRED P/N	UNIT WEIGHT(mg)	MINIIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
MMBT3906L3	Approximate 0.89	10K	100K	400K	Tape & Reel

■DFN1006-3L Package Outline Dimensions



■DFN1006-3L Soldering Footprint





Disclaimer

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), Yangjie, or anyone on its behalf. Yangjie, Yangjie, or anyone on its behalf is not responsible for any damages, including consequential damages, arising from the use of the product.

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