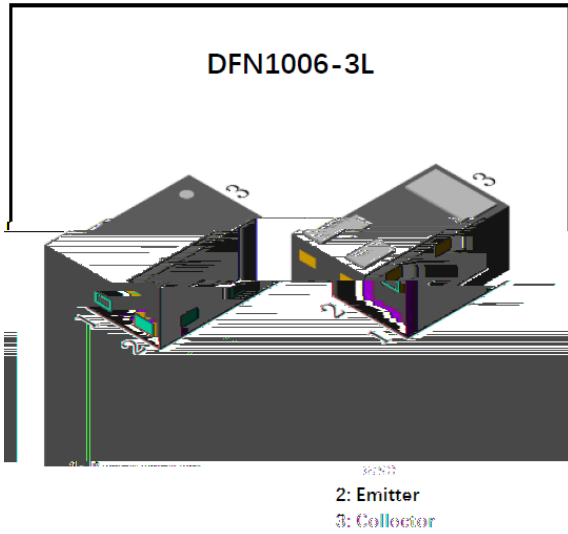


PNP General Purpose Amplifier



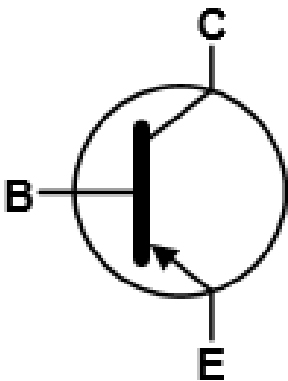
Features

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)

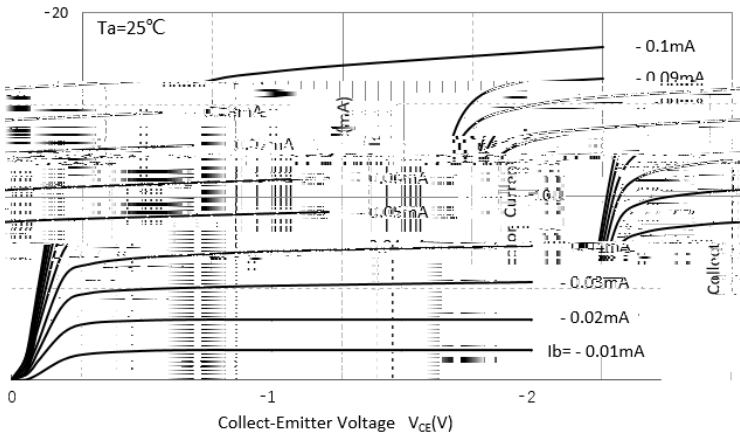
Item	Sym			
	V_{CE0}	V	IC 1-10 A ž IE 1 0	-(0
Collector-Emitter Voltage	V_{CE0}	V	IC 1-1mA ž IB 1 0	-(0
Emitter-Base Voltage	V_{BE0}	V	IE 1-10 A ž IC 1 0	-)
Collector Current	I_C	mA		- & 00
Collector Power Dissipation	P_C	mW		100
Operation Junction Temperature	T_J			-55 to +150
Storage Temperature	T_{STG}			-55 to +150



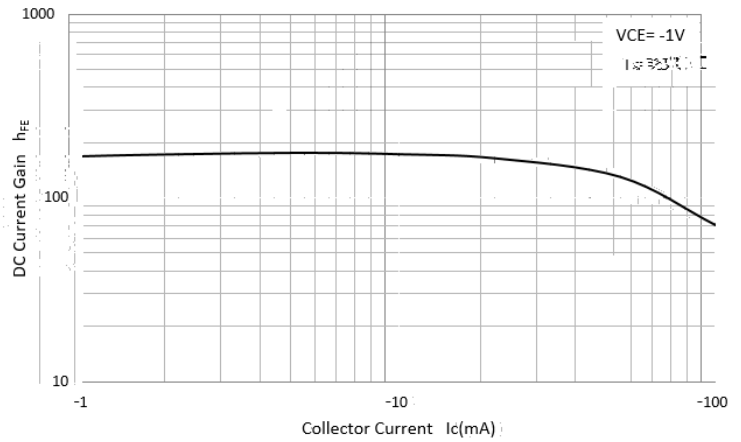
MMBT3906L3

Electrical Characteristics (Typical)

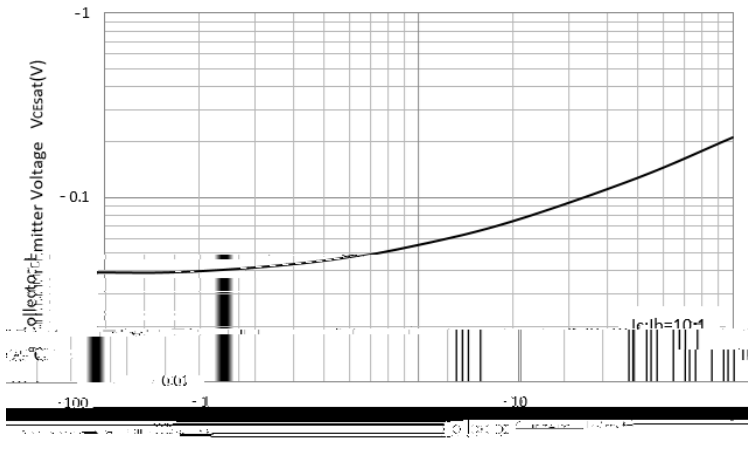
Static Characteristic



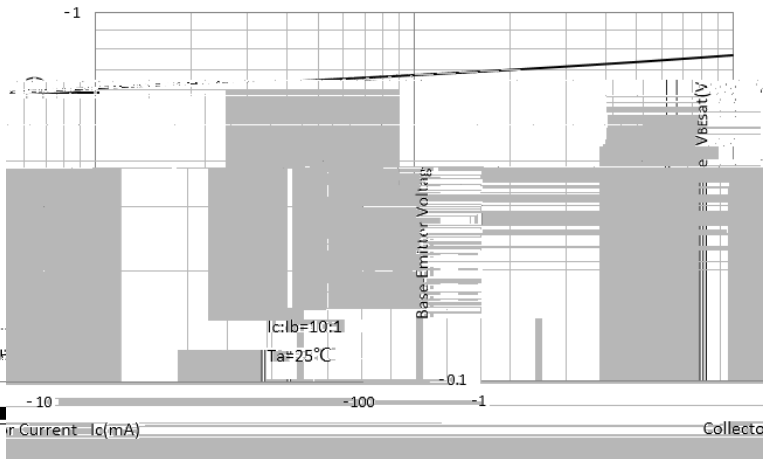
DC Current Gain



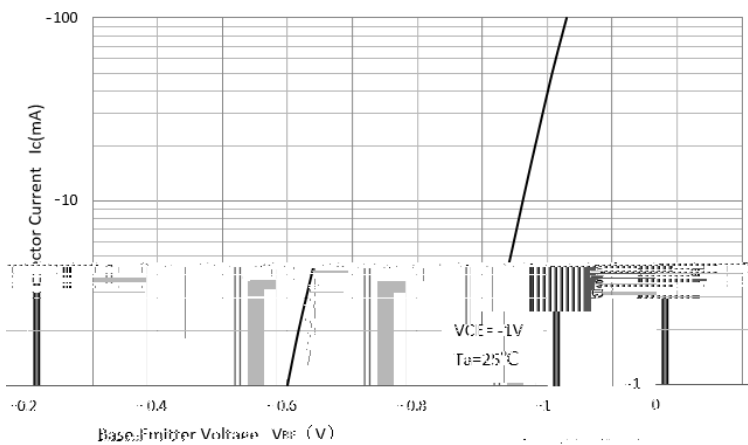
Collector-Emitter Saturation Voltage



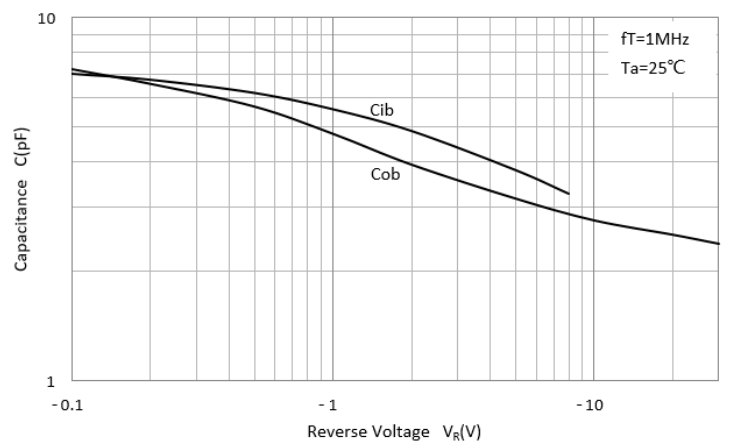
Base-Emitter Saturation Voltage



Base-Emitter On Voltage



$C_{ob}/C_{ib} - V_{CB}/V_{EB}$



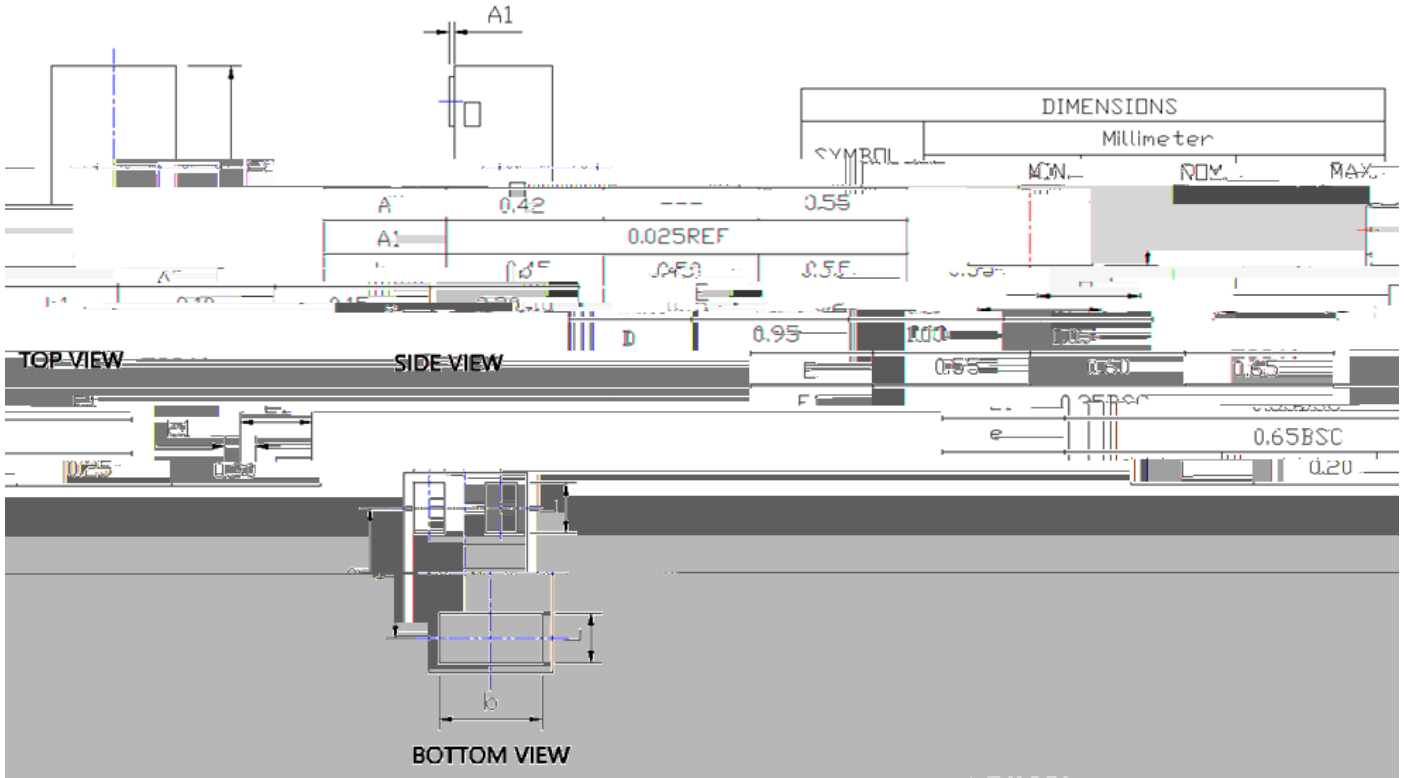


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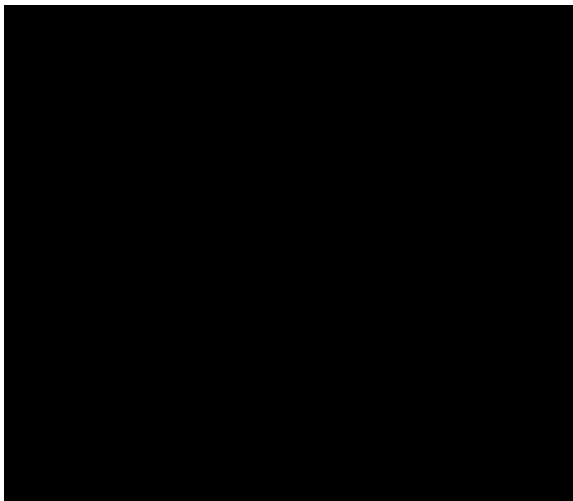
Ordering Information (Example)

PREFERRED P/N	UNIT WEIGHT(mg)	MINIMUM 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





MMBT3906L3

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 in the world. ...M eÄinfoe MÆu