

Dual PNP Small Signal Transistor



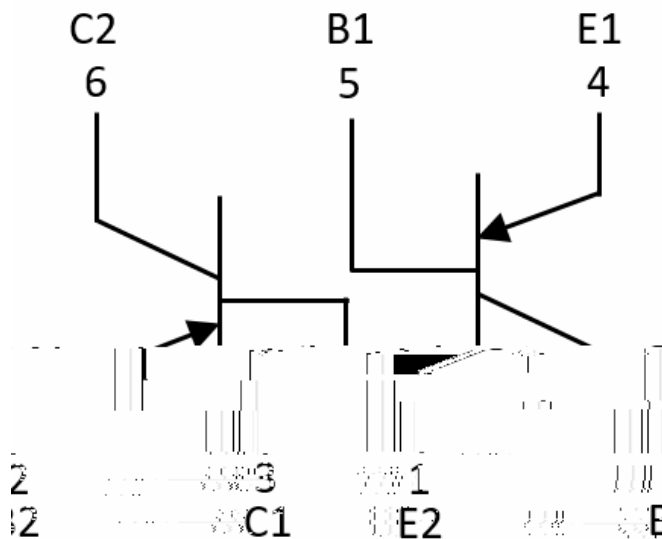
Features

- Epoxy meets UL-94 V-0 flammability rating
- Surface mount package ideally Suited for Automatic Insertion
- PNP

Mechanical Data

- **Package:** SOT-363
- **Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Marking:** K3N

■Equivalent circuit





MMDT3906

■ Maximum Ratings (Ta=25 Unless otherwise specified)

Item	Symbol	Unit	Conditions	Value
Collector-Emitter Voltage	V_{CEO}	V	$I_C = -1\text{mA}$, $I_E = 0$	-40
Collector-Base Voltage	V_{CBO}	V	$I_C = -10\mu\text{A}$, $I_E = 0$	-40
Emitter-Base Voltage	V_{EBO}	V	$I_E = -10\mu\text{A}$, $I_C = 0$	-5
Collector Current	I_C	mA		-200
Collector Power Dissipation	P_C	mW		200
Junction Temperature	T_J			-55 to +150
Storage Temperature	T_{stg}			-55 to +150

■ Electrical Characteristics (Ta=25 unless otherwise specified)

Item	Symbol	Unit	Conditions	Min	TYP	Max
Collector-base breakdown voltage	V_{CBO}	V	$I_C = -10\mu\text{A}$, $I_E = 0$	-40		
Collector-emitter breakdown voltage	V_{CEO}	V	$I_C = -1\text{mA}$, $I_E = 0$	-40		
Emitter-base breakdown voltage	V_{EBO}	V	$I_E = -10\mu\text{A}$, $I_C = 0$	-5		
Collector-Base cut-off current	I_{CBO}	nA	$V_{CB} = -30\text{V}$, $I_E = 0$			-50
Collector-emitter cut-off Current	I_{CEX}	nAdc	$V_{CE} = -30\text{Vdc}$, V_{BE}			

v627 3DFNDJH 2XWOLQH 'LPHQVLRQV

v627 6ROGHULQJ)RRWSULQW

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