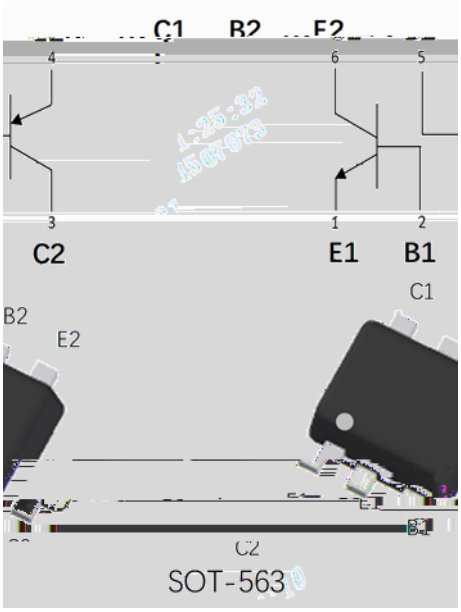
MMDT3946V

RoHS COMPLIANT

Dual NPN+PNP Small Signal Transistor



Features

-
-
-

Application

-
-

Mechanical data

- **Package**
- **Terminals**

Maximum Ratings

TR1-NPN

Item	Symbol	Unit	Conditions	Value

TR2-PNP

Item	Symbol	Unit	Conditions	Value

Item	Symbol	Unit	Conditions	Min	Typ	Max

TR2-PNP

Item	Symbol	Unit	Conditions	Min	Typ	Max

Thermal Characteristics

Parameter	Symbol	Unit	Value

Characteristics

TR1-NPN

Fig 1 Static Characteristics

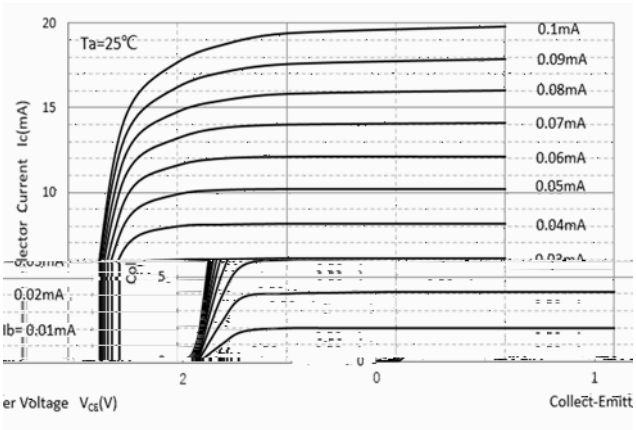


Fig 2 DC Current Gain

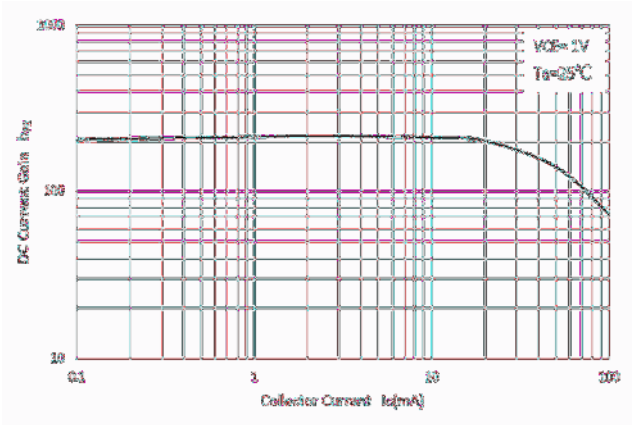


Fig 3 Collector-Emitter Saturation Voltage

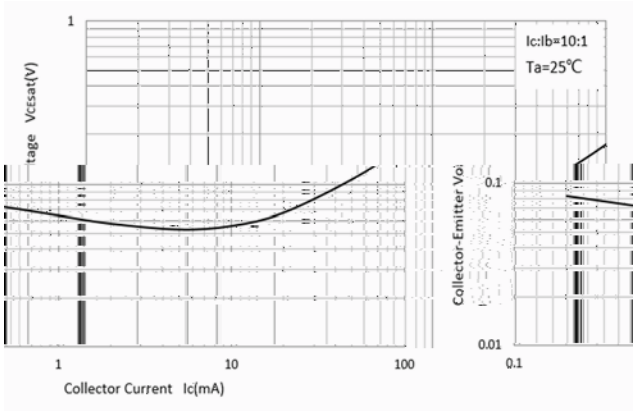


Fig 4 Base-Emitter Saturation Voltage

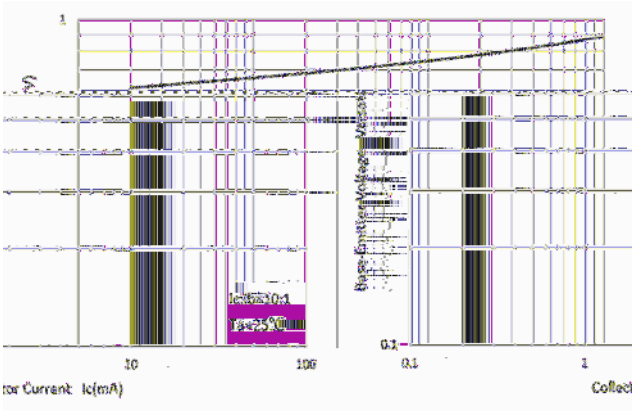


Fig 5 Base-Emitter On Voltage

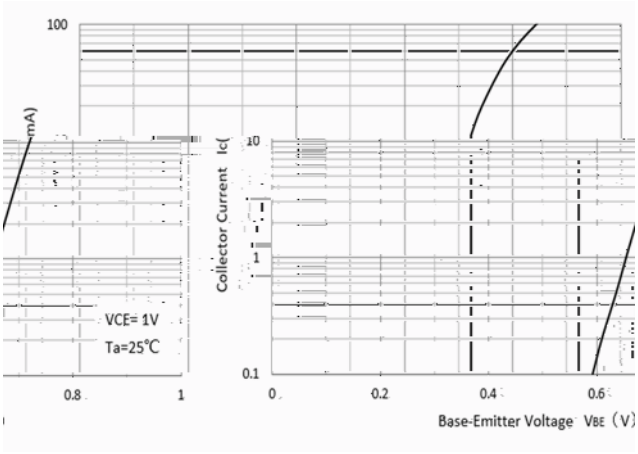


Fig 6 Cob/Cib-V_{CB}/V_{EB}

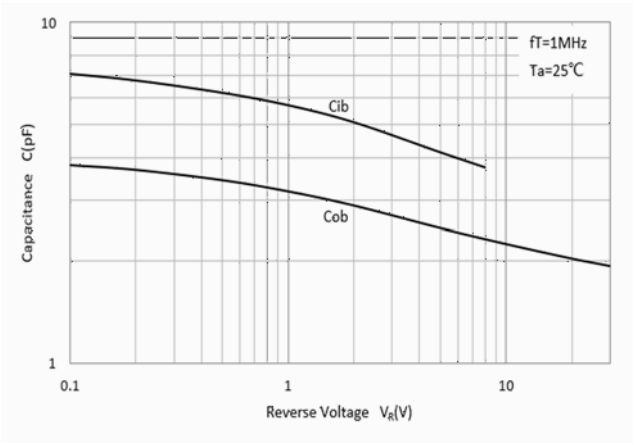
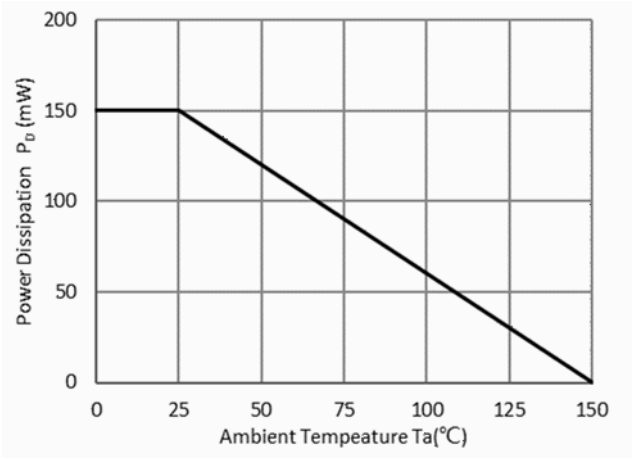


Fig 7 P_D-Ta Curve



TR2-PNP

Fig 1 Static Characteristics

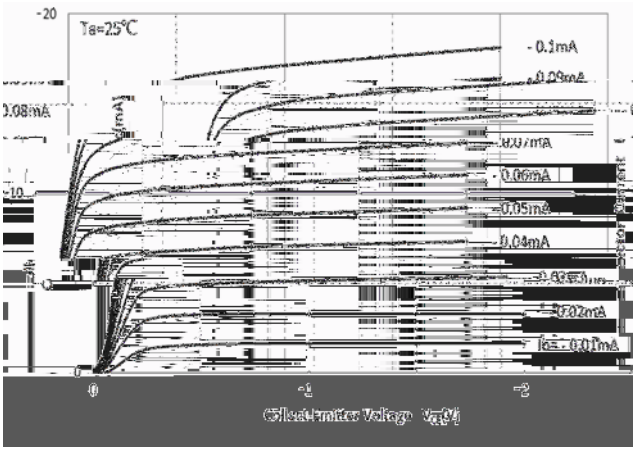


Fig 2 DC Current Gain

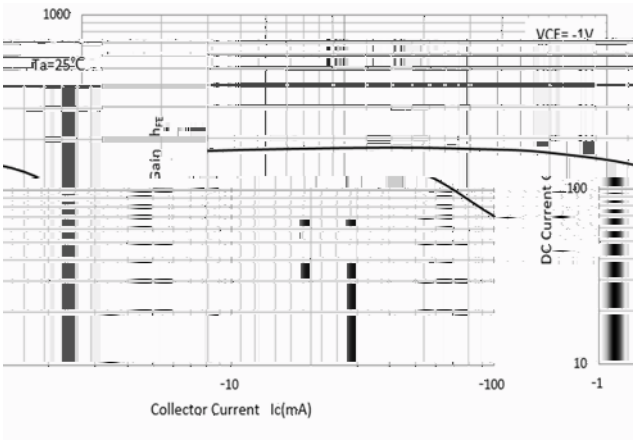


Fig 3 Collector-Emitter Saturation Voltage

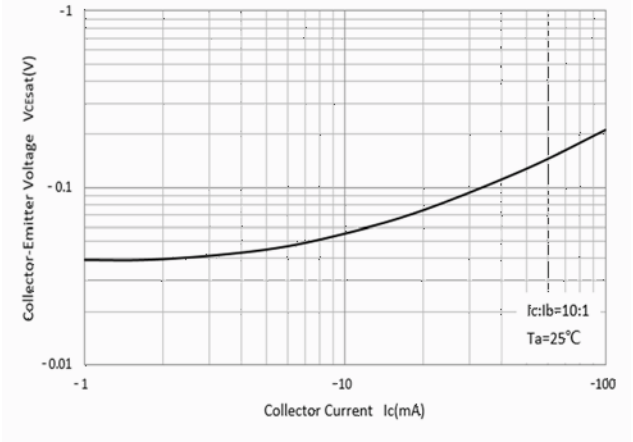


Fig 4 Base-Emitter Saturation Voltage

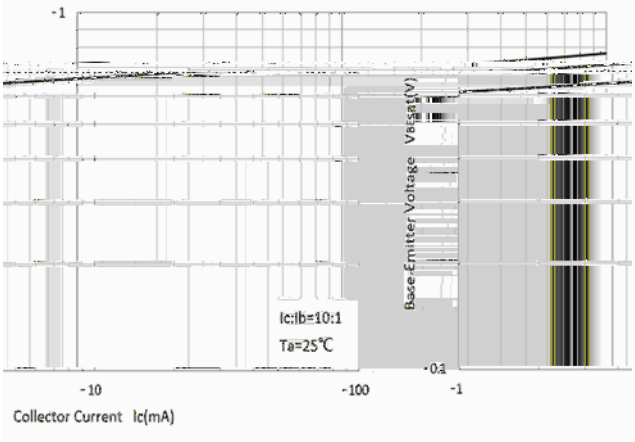


Fig 5 Base-Emitter Voltage

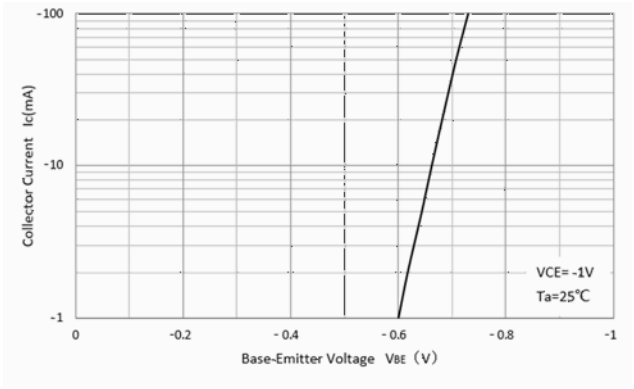


Fig 6 Cob/Cib-V_{CB}/V_{EB}

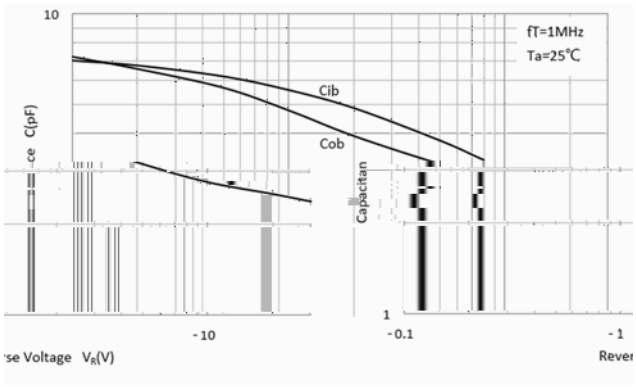
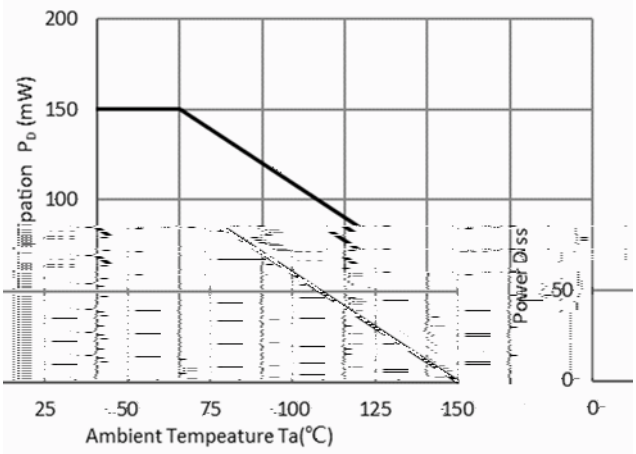


Fig 7 P_D-Ta Curve



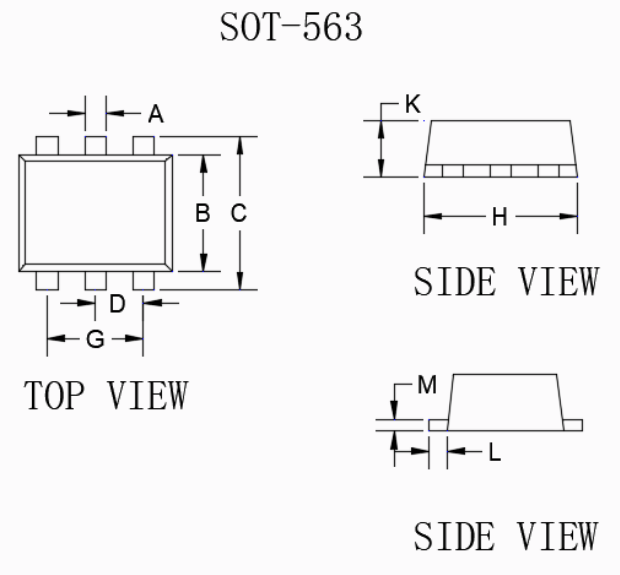
MMDT3946V

RoHS COMPLIANT

Ordering Information

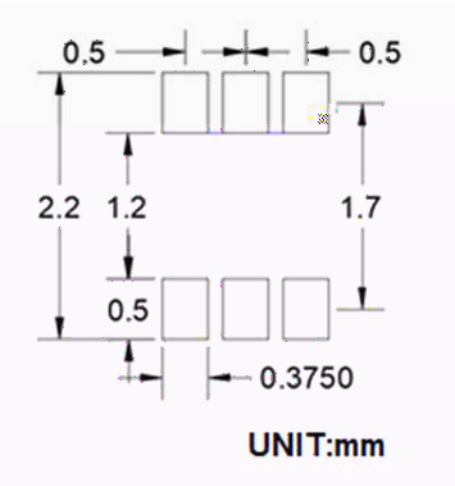
Preferred P/N	Packing code	Unit weight(g)	Minimum package(pcs)	Inner box quantity(pcs)	Outer carton quantity(pcs)	Delivery mode

Outline Dimensions



DIMENSIONS				
DIM	INCHES		MM	
	MIN	MAX	MN	MAX
A	0.006	0.011	0.150	0.300
B	0.043	0.051	1.100	1.300
C	0.059	0.067	1.500	1.700
D	0.016	0.024	0.400	0.600
G	0.035	0.043	0.900	1.100
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	K
[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	M

Suggested Pad Layout



Disclaimer