



NPN Transistor

Features

"(SR[\ PPHWV 8/ 9 IODPPDELOLW\ UDWLQJ
 "+DORJHQ IUHH DYDLODEOH XSRQ UHTXHVW E
 "ORLWVXUH 6HQVLWLYLW\ /HYHO
 "+LJK &RQGXFWDQFH
 "6XUIDFH ORXQW 300N0XHW, B0DRU \$XWRPDWL
 ,QVHUWLRQ

Mechanical Data

"Package 627
 0ROGLQJ FRPSOLDQW / PH9 IODPPDELOLW\ UDW
 5R+6 FRPSOLDQW KDORJHQ IUHH
 "Terminals: 7LQ SODWHG OHDGV VROGHUDEOH S
 - 67' DQG -(6' %
 "Marking '

vMaximum Ratings 7D XQOHVV RWKHUZZLVH QRWHG

Item	Symbol	Unit	Value
&ROOHFWRU %DVH 9ROWDJH	81%22	9 9	
&ROOHFWRU (PLWWHU 9ROWDJH	&(2	9 9	&(2

PREFERRED P/N	PACKING CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
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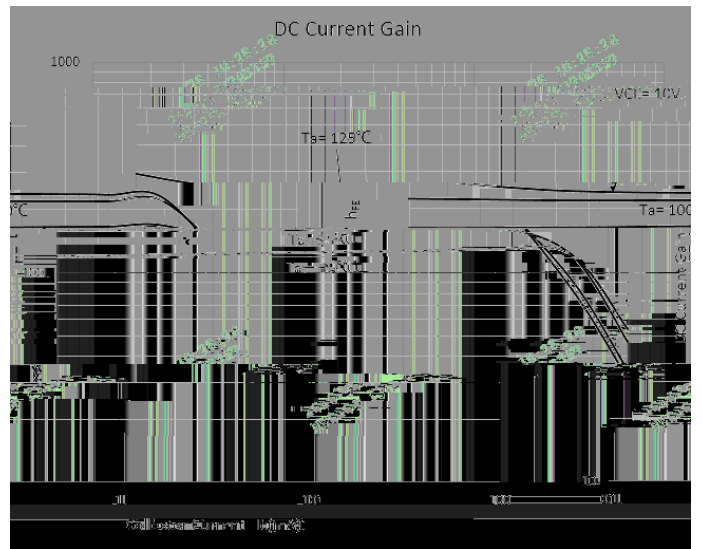
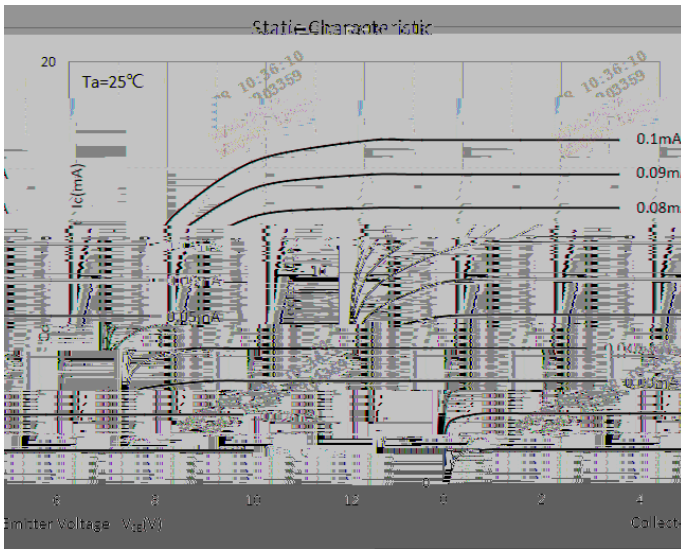
MMBTA42

RoHS
COMPLIANT

Electrical Characteristics 7D XQOHVV RWKHUZLVH QRWHG

Item	Symbol	Unit	Conditions	Min	Typ	Max
I_{CQ}	I_{CQ}	mA	$V_{CE} = 10V, I_B = 10\mu A$			
I_{CQ}	I_{CQ}	mA	$V_{CE} = 10V, I_B = 10\mu A$			
I_{CQ}	I_{CQ}	mA	$V_{CE} = 10V, I_B = 10\mu A$			
I_{CQ}	I_{CQ}	mA	$V_{CE} = 10V, I_B = 10\mu A$			
β_{DC}	β_{DC}		$V_{CE} = 10V, I_C = 10\mu A, I_B = 10\mu A$			
	β_{DC}		$V_{CE} = 10V, I_C = 10\mu A, I_B = 10\mu A$			
	β_{DC}		$V_{CE} = 10V, I_C = 10\mu A, I_B = 10\mu A$			
β_{DC}	β_{DC}		$V_{CE} = 10V, I_C = 10\mu A, I_B = 10\mu A$			
β_{DC}	β_{DC}		$V_{CE} = 10V, I_C = 10\mu A, I_B = 10\mu A$			
β_{DC}	β_{DC}		$V_{CE} = 10V, I_C = 10\mu A, I_B = 10\mu A$			
β_{DC}	β_{DC}		$V_{CE} = 10V, I_C = 10\mu A, I_B = 10\mu A$			

Characteristics 7\SLFDO





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COMPLIANT

