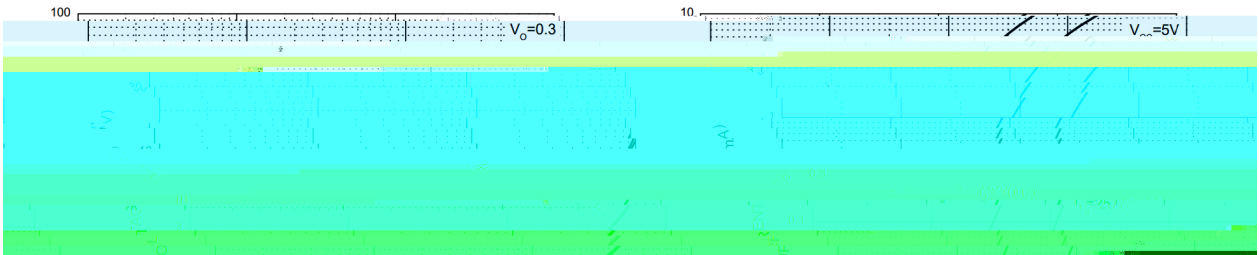


BRDTC143ZZKQ

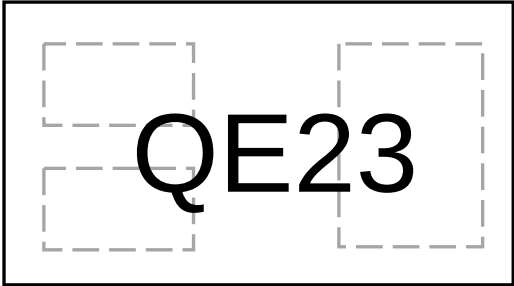
Parameter	Symbol	Rating	Unit
Output Voltage	V _{CC}	50	V
Input Voltage	V _{IN}	30	V
		-5.0	V
Output Current	I _O	100	mA
	I _C	100	mA
Power Dissipation	P _C	250	mW
Junction Temperature	T _j	150	
Storage Temperature Range	T _{stg}	-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Input Voltage(OFF)	V _{I(off)}	V _{CC} =5.0V I _O =100 A	0.5			V
Input Voltage(ON)	V _{I(on)}	V _O =0.3V I _{Ope} 504.0 mWn TD841J 8 597.0 -841J 8 64W n .777 285624945 rg4425 14j.3 410				

/ Electrical Characteristic Curve



/ Marking Instructions



E23

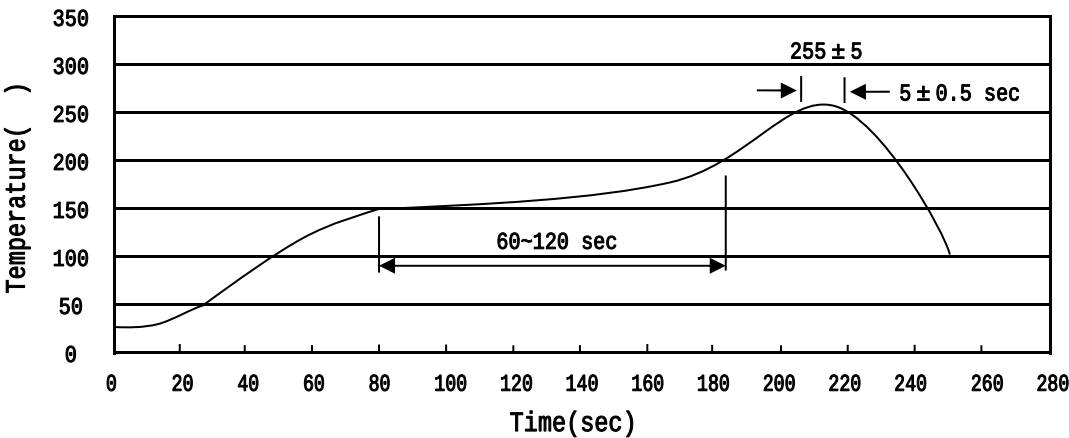
Note:

Automobile halogen-free product Code

E23

Product Type Code

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- 1

150 200

60 120sec;

1.Preheating:150~200 , Time:60~120sec.
- 2

255 5

5 0.5sec;

2.Peak Temp.:255 5 , Duration:5 0.5sec.
- 3

2 10

/sec.

3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260 5 10 1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit mm ³)		
DFN1006-3L	10,000	10	100,000	6	600,000	7 ×8	180×120×180	390×385×205

/ Notices