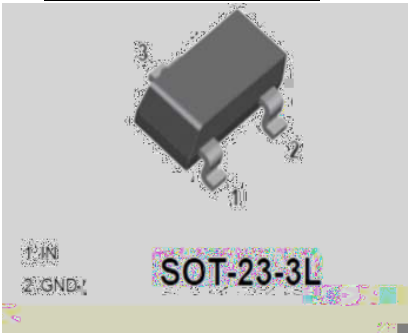
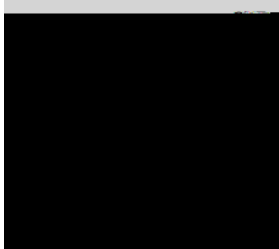




DTC123JKA

RoHS
COMPLIANT

131 'LJLWDO 7UDQVLVWRUV %XLOW LQ



-) HDWXUHV
- z Moisture sensitivity level 1
 - z Halogen free and RoHS compliant
 - z Surface mount package ideally suited for automatic insertion

- \$SSOLF DWLRQ
- z Signal amplification
 - z Switching circuit

- 0HFKDQLFDO GDWD
- z 3DFNDJSDT-23-3L
 - z 7HUP LQDQYDated leads, solderable per J-STD-002 and JESD22-B102

■ 0D[L PXP 5DVWV Unless otherwise specified)

,WHP	6\PERO			
Device marking code				E42
Collector-base voltage	V _{CC}	V		50
Collector-emitter voltage	V _{IN}	V		-5 to +12
Collector current	I _O	mA		100
Power dissipation	P _D	mW		200
Junction temperature	T _J	-		-55 to +150
Storage temperature	T _{STG}	-		-55 to +150



DTC123JKA

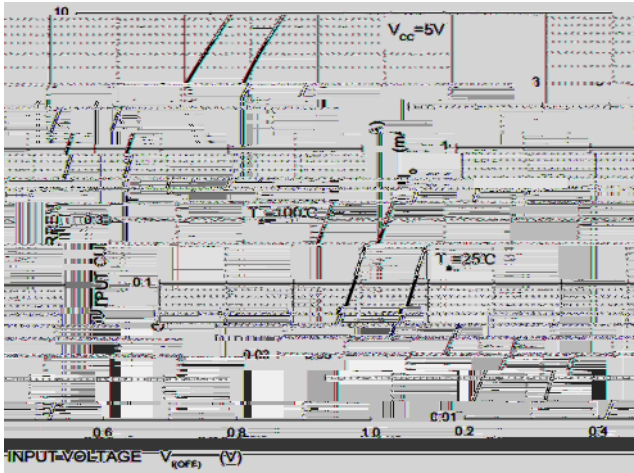
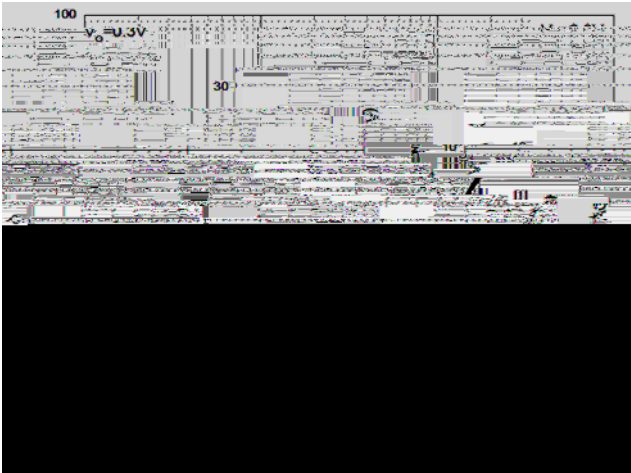
RoHS
COMPLIANT

, WHP	6 \ P E R O	8 Q L V	& R Q G L W L R Q V	0 L Q	7 \ S	0 D [
Input voltage	$V_{I(off)}$	V	$V_{CC}=5V, I_C=100\mu A$	0.5		
	$V_{I(on)}$					

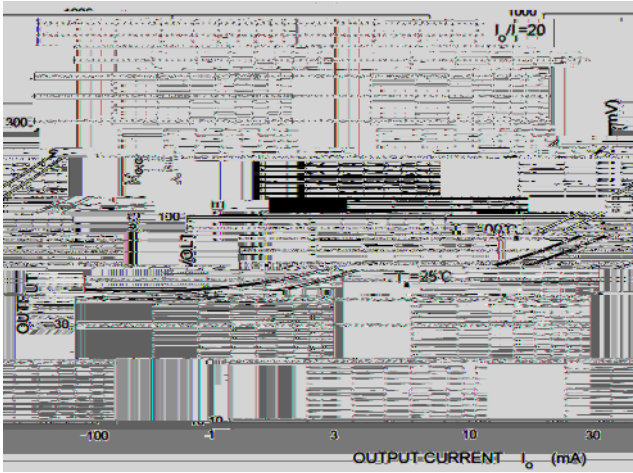


■ &KDUDFWHULVWLFV

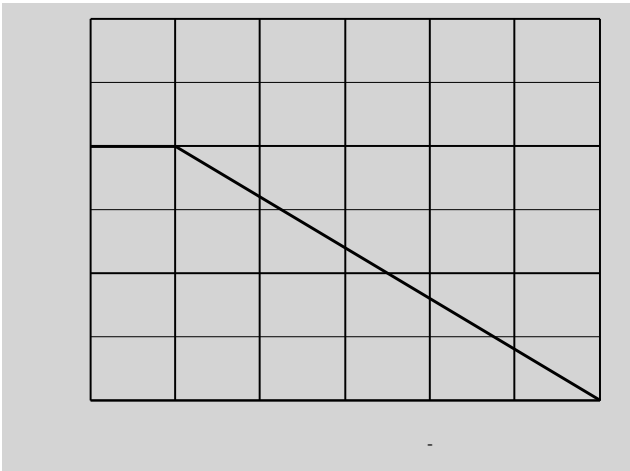
)LJ ,QSXW 9ROWDJH 2Q &KDUDFWHULVWLF,QSXW 9ROWDJH 2II &KDU



)LJ ' & &XUUHQW *DLQ &KDUDFWHULVWLFV 2XWSXW 9ROWDJH &KDU



)LJ 3 7D &XUYH





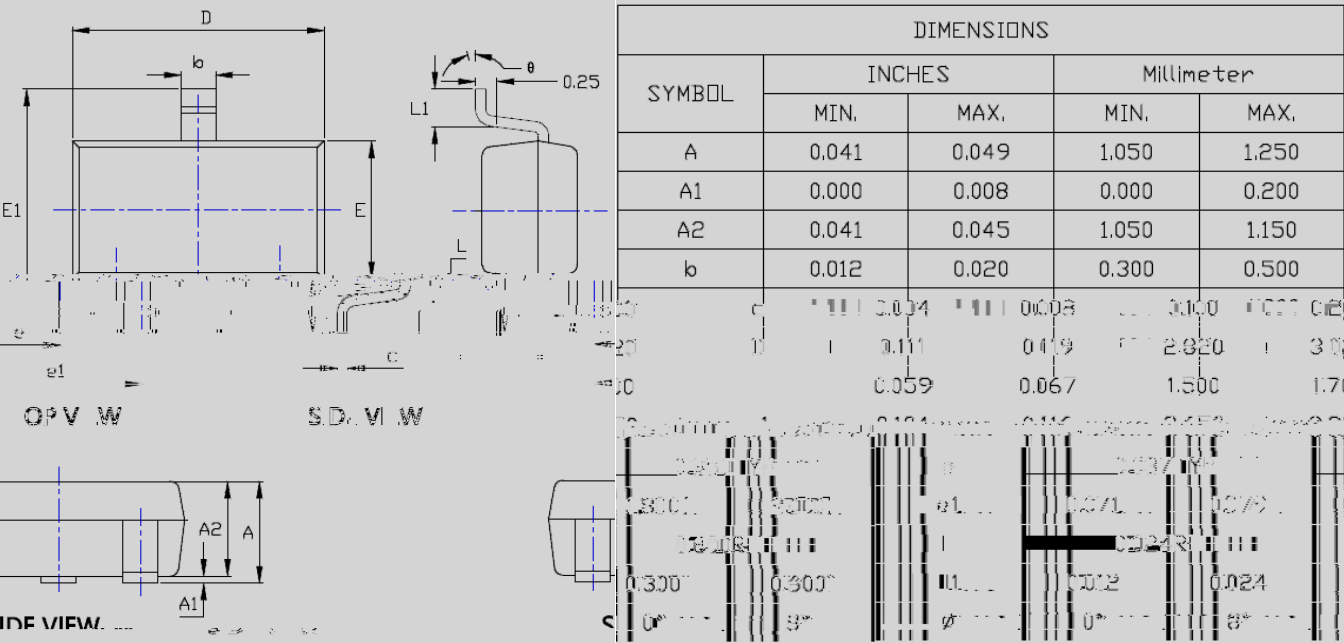
DTC123JKA

RoHS
COMPLIANT

■ 2UGHULQJ ,QIRUPDWLRQ

3UH\HUUH	3DFNL FRGH	8QLW ZHLJ	0LQLPXP SDFNDJH	,QQHU ER TXDQWLW\	2XWHU FDU TXDQWLW\	'HOLYHU\ PRGH
DTC123JKA	F2	Approximate 0.014	3000	30000	120000	7" reel

■ 2XWOLQH 'LPHQVLRQV



■ 6XJJHVWHG 3DG /D\RXW

