

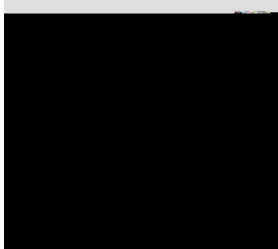


DTC123JKA

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

\$SSOLFDFWL RQ

- z Signal amplification
- z Switching circuit

0HFKDQLFDO GDWD

- z 3DFNDJSDT-23-3L
- z 7HUPHQDQYated leads, solderable per J-STD-002 and JESD22-B102

■ 0D[L PXP 5D W_A=25 V 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



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, 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		
	$V_{I(on)}$					

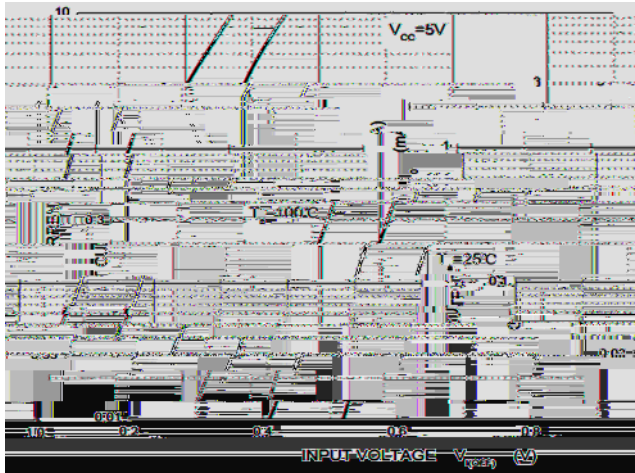


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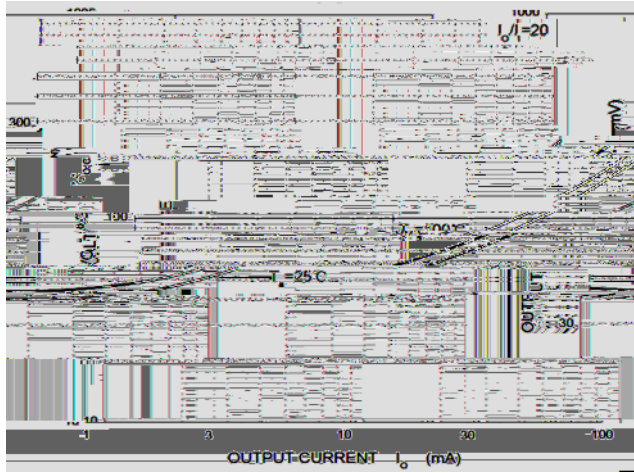
RoHS
COMPLIANT

■ &KDUDFWHULVWLFV

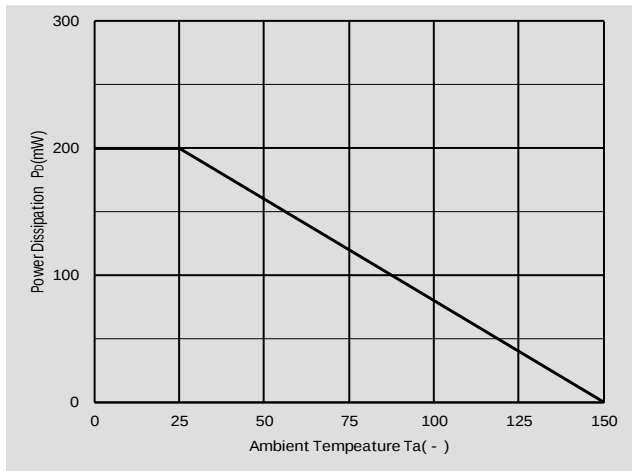
)LJ ,Q SXW 9ROWDJH 2Q &KDUDFWHULVWLF,Q SXW 9ROWDJH 2II &KDUDFWHULVWLFV



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



)LJ 3 7 D & XUYH





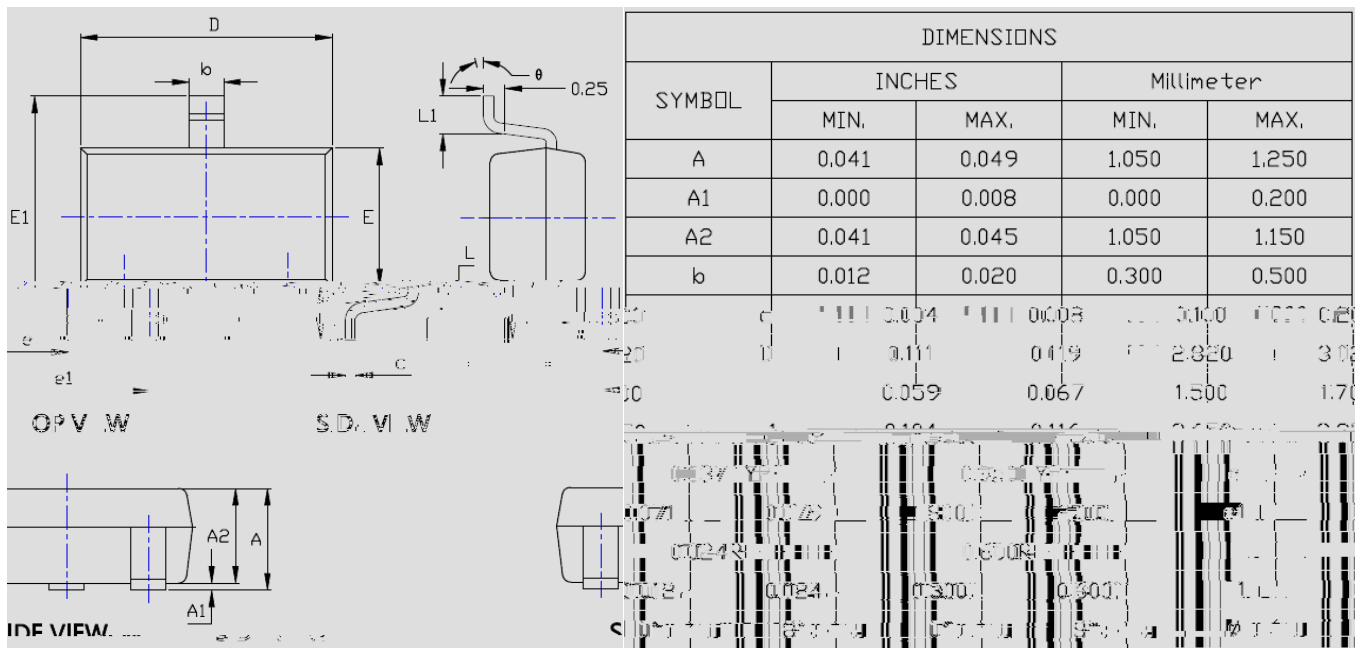
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■ 2UGHULQJ ,QIRUPDWLRQ

3UHIHUHQFH	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

