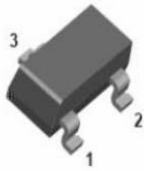


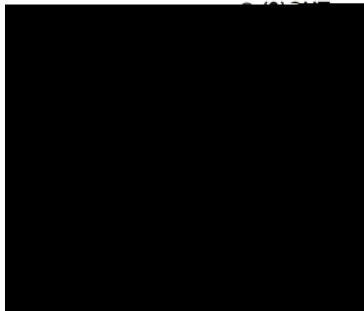


PNP Digital Transistors (Built-in Resistors)



1. IN
2. GND

SOT-23



Features

- z 0RLVWXUH VHQV³LWL³YLW\ OHYHO
- z +DORJHQ IUHH DQG 5R+6 FRPSOL
- z 6XUIDFH PRXQW SDFNDJH LGHDOO
- DXWRPDWL³ LQVHUWLRQ

Application

- z 6LJQDO DPSOLILFDWLRQ
- z 6ZLWFKLQJ FLUFXLW

Mechanical data

- z Package! 6 2 7³
- z Terminals! 7LQ SODWHG OHDG³ VROO
- 67' DQG -(6' o³%

vMaximum Ratings

Item	Symbol	Unit	Conditions	Value
'HYLFH PDUNLQJ FRGH				(
6XSSO\ YROWDJH	&&	9	9	
,QSXW YROWDJH	,1	9		WR
2XWSXW FXUUHQW	2	P\$		
3RZHU GLVVLSDWLRQ	3	P:		
-XQFWLRQ WHPSHUDWXUH	-	-	7	WR
6WRUDJH WHPSHUDWXUH	67'	-	7	WR

0³
0³
0³
0³
0³
0³
0³
0³
0³
0³
0³



DTA123JCA

03

v **Electrical Characteristics**

D7 qà 8QOHVV RWKHUZLVH VSHFLILHG

Item



DTA123JCA

0³

Characteristics

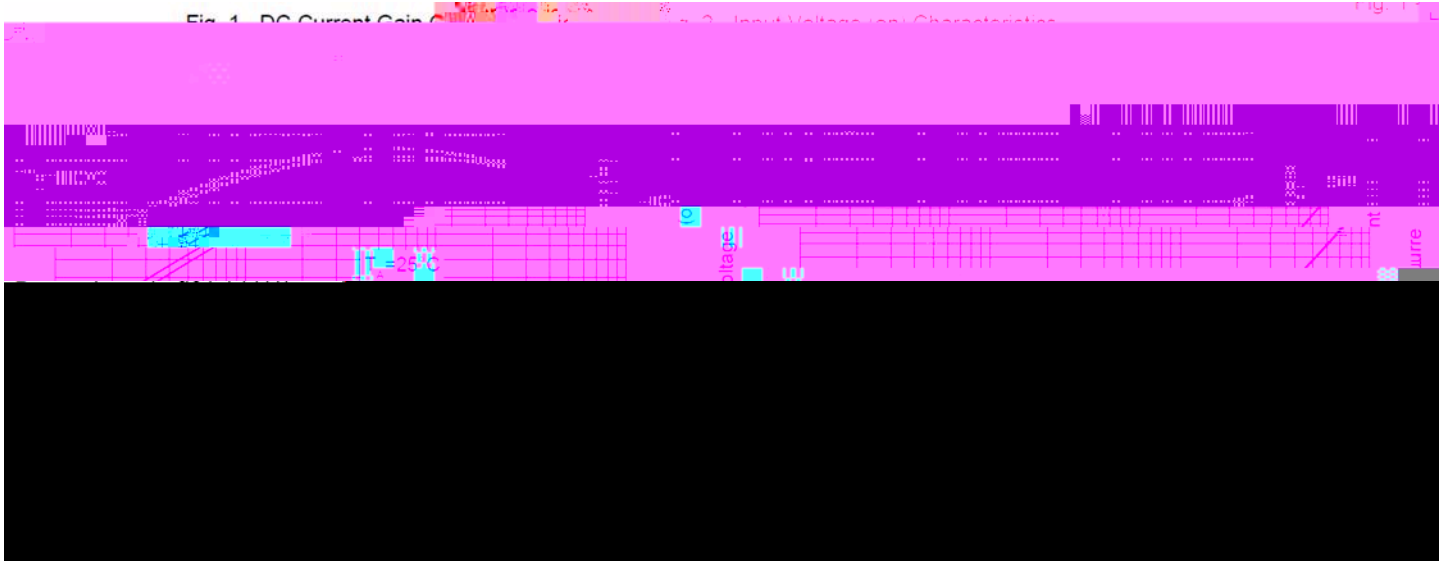
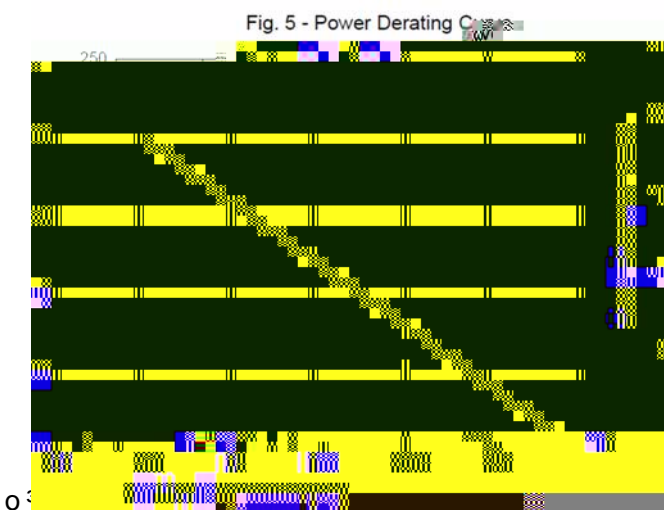
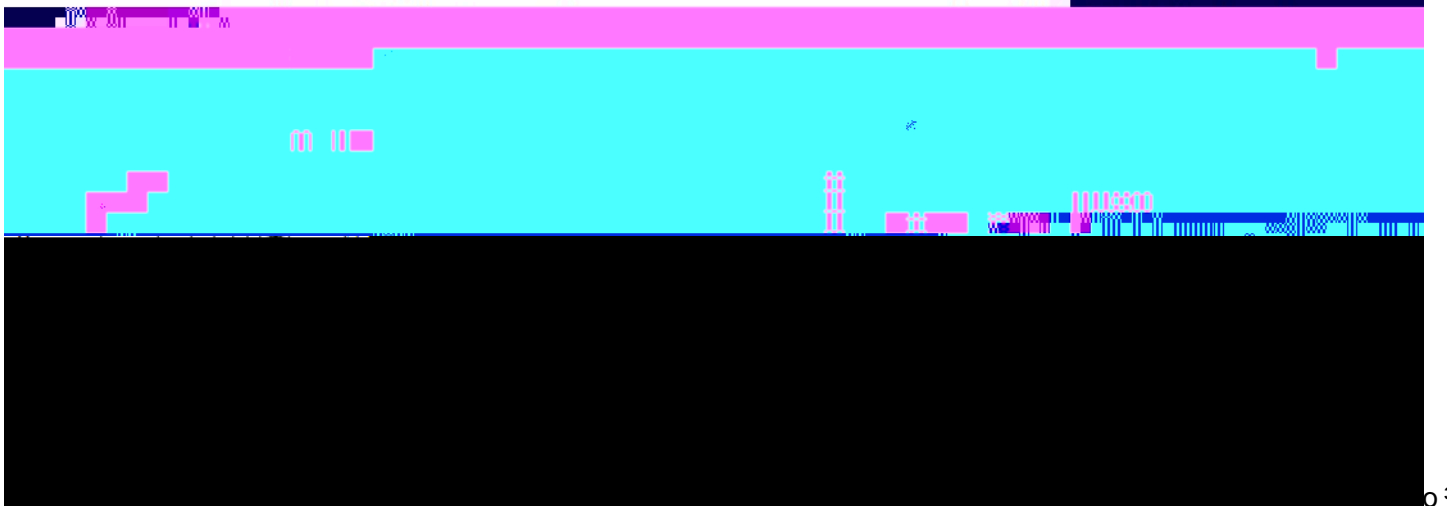


Fig. 3 - Input Voltage (off) Characteristics

Fig. 4 - Output Voltage Characteristics



0³

0³

0³



DTA123JCA

03

v Outline Dimensions



Note:

1. All dimensions are in millimeters (mm) unless otherwise specified.
[所有尺寸均以毫米为单位，除非另有说明]
2. General tolerances: ±0.10mm unless otherwise specified.
[通用公差为±0.10mm，除非另有说明]
3. Dimensions and tolerance per ASME Y14.5M-2018.
[尺寸和公差遵循 ASME Y14.5M-2018 标准]

exceed 0.15 mm in maximum.

[所有尺寸均不包括毛刺和浇口残留。毛刺与浇口残留的尺寸最大不得超过 0.15mm]

does not include barrel protrusion of max 0.100 mm per side.

[不包括最大0.100 mm的单侧凸出部分]

Dimensions do not include extreme outer dimensions of the mold compound, i.e. mold flash, lead flash, protrusions and burrs but include the maximum allowable dimensions excluded mold mismatch.

[尺寸不包括模体的外部极限尺寸，不包括包封溢料、内引线溢料、模出部分以及附体毛刺，但是包含了包封溢料的最大尺寸]

Terminals and leads are coplanar with respect to one another within a maximum of 0.100 mm, and the seating plane.

[成型的管脚应为同一平面，共面性最大为0.1mm]

is the key size.

[★ 标记为关键尺寸]

03

03

03

03

03



DTA123JCA

03

Disclaimer

7KH LQIRUPDWLRQ SUHVHQWHG LQ WKLV DQJXHQW QDWLRQDO (OHFWURQLF RYHQRORJ
ULJKW WR PDNH FKDLFHV ZLWKRXW SKRWRJUDGXERQ/ FGLWSOD\HG KHUHLQ WR GPSURQ
RU RWKHUZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHOLJHWGRWR FEHTXVSBHQLWKRUR LGHLYLDFHWWDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTXLW KHKE DIO IXQFHWL RQ WRHQLDEKLORWODXG KUDHFWD
PHGLFDO LQVWUXDQW HTXDQVSDWWDHUURQSBHIDPD FKLDFWRU FRQWUROOHW IX
GHYLFHV <DQJMLH RU DQ\ RQH RQ LWLOE W/K DQJ ODVEXDHW\ QIRW HDVSRQDVEJXWHUHV
RI VDOH

7KLV SXEOLFDFWLRQ IS ODFHWDG DQVLRQURQPDVLSRQLSGHYRURXDG LRVQL FSDODVLRWVPLW R X
Fz Üo³kwws \DQD\DQH dp 31@Ä@K W ÄL