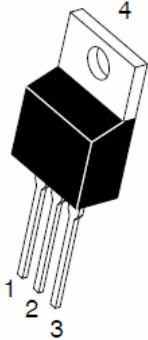


# TSR / OCT TSR / CTF

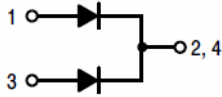
129

7 UH QFK 026 %DUULHU 6FKRWWN\ 5H

TO-220AB  
TSR / OCT



ITO-220AB  
TSR / OCTF



Features

- ‡ \$GYD QWUHQFK WHFKQRORJ\
- ‡ /RZRZUZYRQWDJH GURS
- ‡ /RZRZUZYRQVHV
- ‡ +LJKILFLHQF\ RSHUDWLRQ
- ‡ /HDG)HLQLVK &R#6OLDQW

Applications

- ‡ '&' &RQYHUWHUV
- ‡ \$&'&GDSWRUV
- ‡ 6ZLWFKRZDIXSSOLHV
- ‡ )UHHZKH'HLRQJ

Maximum ratings and electrical characteristics (T<sub>J</sub> = 25°C unless otherwise noted)

3 DUDPHWHU	6 \ PER O	/LPLW	8 QLW
0D[LPXPHSHVSHUNYHYURQHW DJH	9550		9
0D[LPXPHYUDRZH ZDUG UFKJWHHJ-WG GHYLFH SHGLRGH	,) \$9		\$
3HDN IRVZDUEBUUHQRW VLQDOHQH ZDYH VXSHULPSRVHGRFSCGUDRCHG	,)60		\$
2SHUDMXQFVQRCQWRUDJH WHPSHUDW XUH 0DQJH WR			f &
7\SLFVDKUPDO USHVULVQHDQFH	72 \$%	5\$-&	f & :
	,) \$	7- f&	
	,) \$	7- f&	
	,) \$	7- f&	
,QVWDQWDQHRXU USHOMRQWH UDWHYHYURQHW DJH	7- f&	,5	X\$
	7- f&		P\$

1RWHV

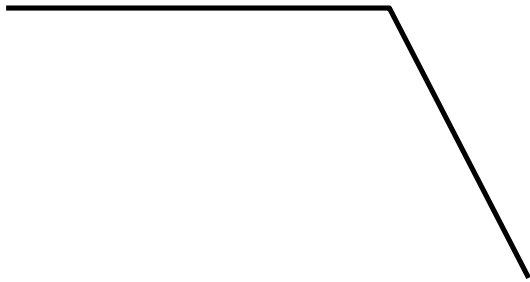
3XOVH WHVVSXOVH ZLGWK GXW\ F\FOH

3XOVH WHVW 3XOPH ZLGWK 0

RATINGS AND CHARACTERISTICS CURVES

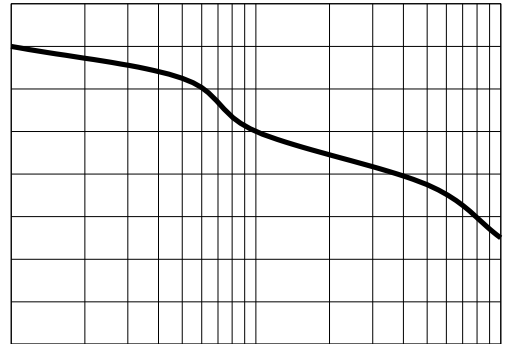
7\$

f & XQOHVQRWKBUZLVH



7F&DV7HPŠ&

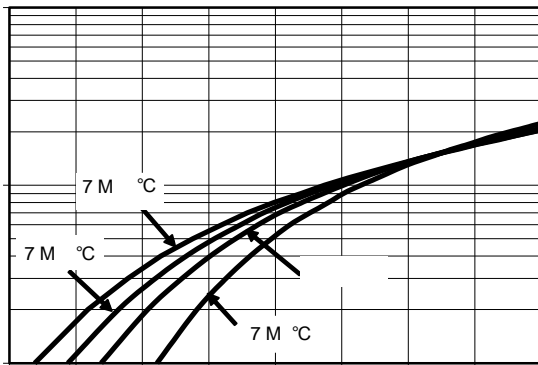
Current Derating, Case



1 XPERR\F@HW+ ]

,U 5HYHUVH &XUHQW X\$

Maximum Repetitive Surge Current



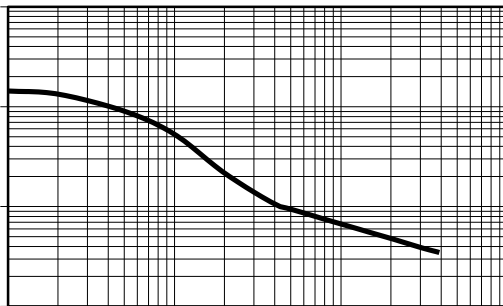
91 ,QVWDQWDQ HFRXOW)DRJHZ DRJG

Typical Forward Voltage



95 5HYHUVH 9ROWDJH 9ROWV

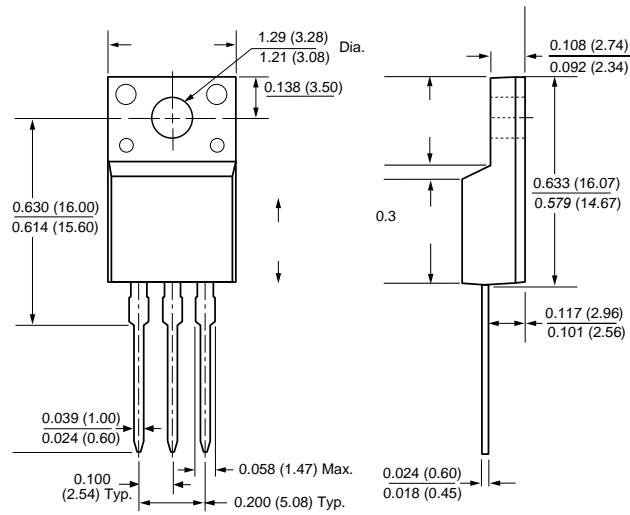
Typical Reverse Current



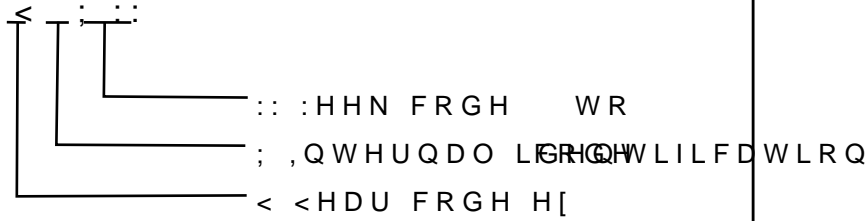
5HYHUVH 9ROWDJH 9

Typical Junction Capacitance

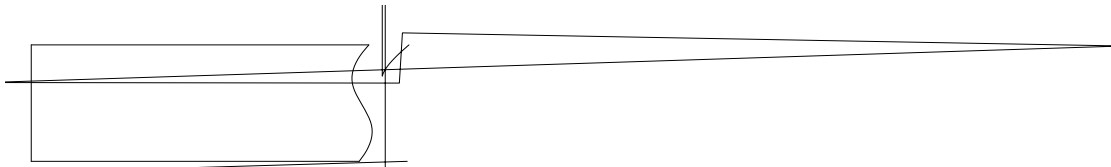
# PACKAGE OUTLINE DIMENSIONS



K: 7cadUbnfig' hf UXYaUf\_  
 3URGXFW 765GH@7 RU 765 / &7)  
 3' & LQIRUPDWLRQ



7XEH 'LPHQVLRQV



, QVLGH %R[

2XWVLGH %R[

12	81,	7XEH 'LPHQVLR			, QVLGH %R[			2XWVLGH %R[		
6L]H	PP	\$	%		/	:	+	/	:	+
47<	3&6	3&6 7XEH			6PDOO SHFWDJH3&6 WXE@WRWDO			3&6 FDUERGLWRWDO		
1RWH		7ROHUDQFH PP" PP			PP" PP			PP" PP		