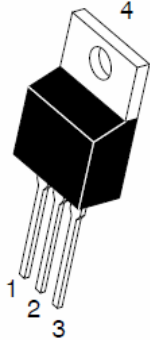
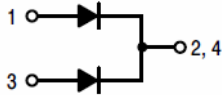


7UHQFK 026 %DUULHU 6FKRWWN\ 5H

TO-220AB  
 TSR20V100CT



ITO-220AB  
 TSR20V100CTF



Features

- ‡ \$GYDQWUHQFK WHFKQRORJ\
- ‡ /RZRZUZYRQWDJH GURS
- ‡ /RZRZUZYRQVHV
- ‡ +LJKILFLHQF\ RSHUDWLRO
- ‡ /HDGH)HLQLVK &R#6OLDQW

Applications

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

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

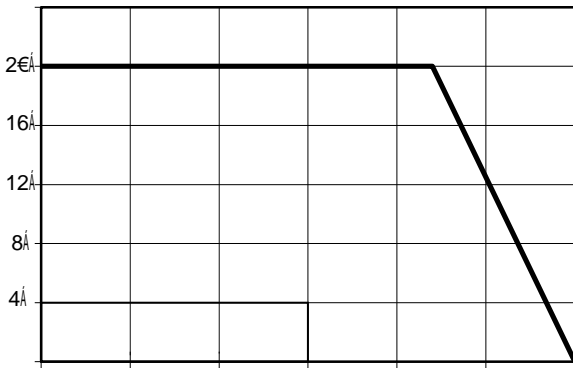
3DUDPHWHU		6\PERO	/LPLW	8QLW	
0D[LPXPHSHVSHUNYHYURQHW DJH		9550		9	
0D[LPXPHYUDRQJZDUG UFXEWHIHWG	GHYLFH SHGLRGH	,) \$9		\$	
3HDN IRVZDUEBUUHQW VLKDOHQH ZDYH VXSHULPSRVHGRFSCGLDRVGHG		,)60		\$	
2SHUDMXQFDVLRQWRUDJH WHPSHUDW	XUH 0DQJH	WR		f&	
7\SLFVQCHUPDO USHVULVQHDQFH	72 \$% ,72 \$%	5\$-&		f& : f& :	
,QVWDQWDQHRXUWRUJZDUG SHGLRGH		9)	7<3	0\$;	
	,) \$		7- f&		9
	,) \$		7- f&		
	,) \$		7- f&		
,QVWDQWDQHRXUJSHQWIRQVH UDWHYHYURQHW DJH		,5		X\$	
			7- f&		P\$

1RWHV

3XOVH WHVVSXOVH ZLGWK GXW\F\FOH

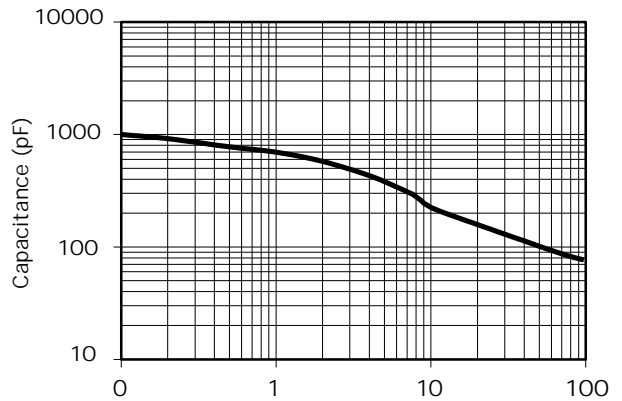
3XOVH WHVW 3XOPVH ZLGWK 0

RATINGS AND CHARACTERISTICS CURVES (TA = 25 °C unless otherwise noted)



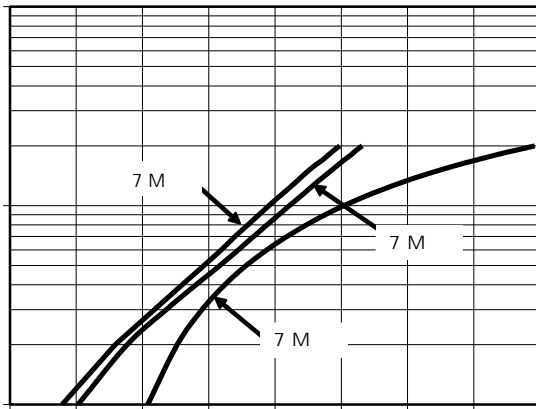
7 F & DVH<sup>R</sup> & 7 HPS

Current Derating, Case



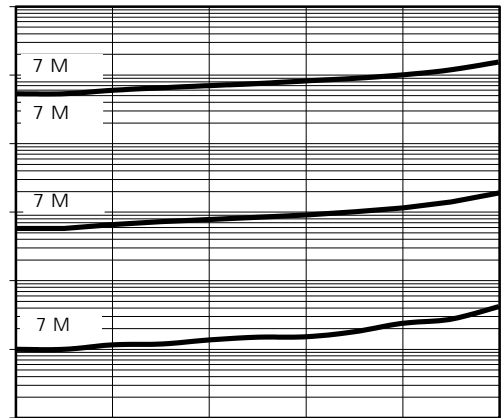
Reverse Voltage (V)

Typical Junction Capacitance



9 I , Q V W D Q W D (H R F O X W D ) J I R U Z P Q J G

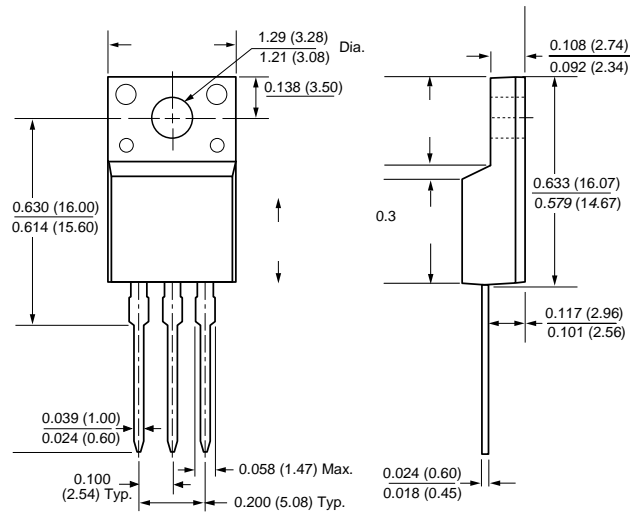
Typical Forward Voltage



9 5 5 H Y H U V H 9 R O W D J H 9 R O W V

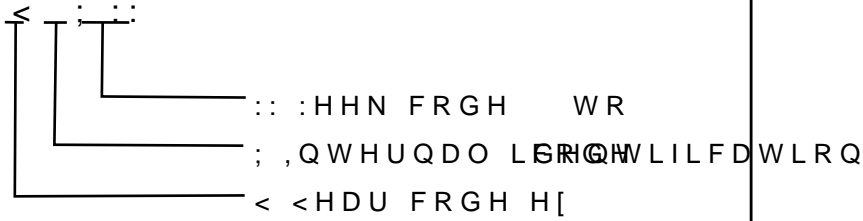
Typical Reverse Current

# PACKAGE OUTLINE DIMENSIONS



## Marking Information

3 URGXFW 7620V or TSR20V100CTF  
3' & LQIRUPDWLRQ



## Packaging Information

7XEH 'LPHQVLRQV

,QVLGH %R[

2XWVLGH %R[

## Packaging Information

12	81,;	7XEH 'LPHQVLR	,QVLGH	2XWVLGH %R[
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6L]H PP \$ % / : + !@ !@ !@ G Ū† iE }