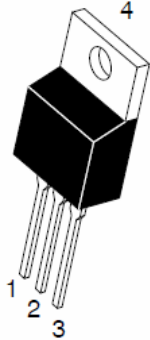


TSR40S 50CT

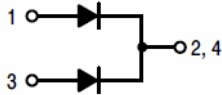
TSR40S150CTF

7 UHQFK 026 %DUULHU 6FKRWWN\ 5H

TO-220AB
TSR40S150CT



ITO-220AB
TSR40S150CTF



Features

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

Applications

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

Maximum ratings and electrical characteristics (T_J = 25°C unless otherwise noted)

3DUDPHWHU		6\PERO	/LPLW	8QLW	
0D[LPXPHSHVSHUNYHYURQHW DJH		9550		9	
0D[LPXPHYHURJHZDUG UFKUWHIHWG	GHYLFH SHGLRGH	,) \$9		\$	
3HDN IRVZDUEBUUHQW VLKDDHQH ZDYH VXSHULPSRVHGRFSGUDRVGHG		,)60		\$	
2SHUDMXQDQGRQWRUDJH WHPSHUDW	XUHURDJH	WR		f&	
7\SLFVCHUPDO USHVULVQHDQFH	72 \$%	5\$-&		f& :	
	,72 \$%			f& :	
,QVWDQWDQHRXURVURJHZDUG SHGLRGH		9)	7 < 3	0\$;	
	,) 2\$		7- f&	43	48
	,) 2\$		7- f&	38	
	,) 1\$		7- f&	0.73	0.79
	,) 1\$		7- f&	0.68	
,QVWDQWDQHRXUUSHVURJHZDUG UDWHYHYURQHW DJH	7- f&	,5		X\$	
	7- f&			P\$	

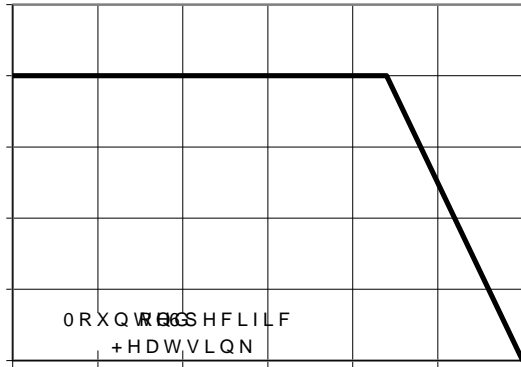
1RWHV

3XOVH WHVVSXOVH ZLGWK GXW\F\FOH

3XOVH WHVW 3XOPVH ZLGWK 0

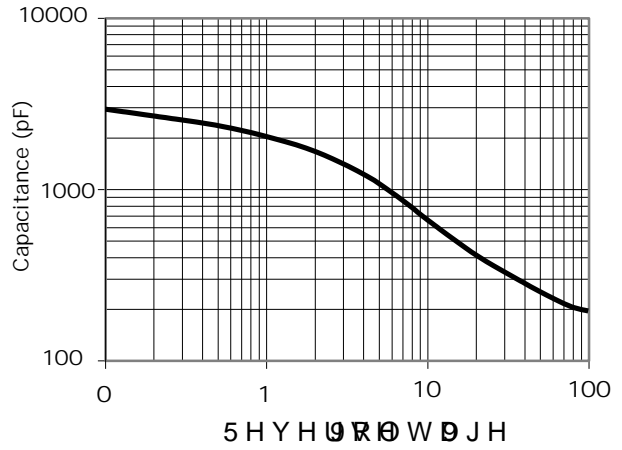
.I \$YHUDJH)RUZDUG &XUJHQW

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

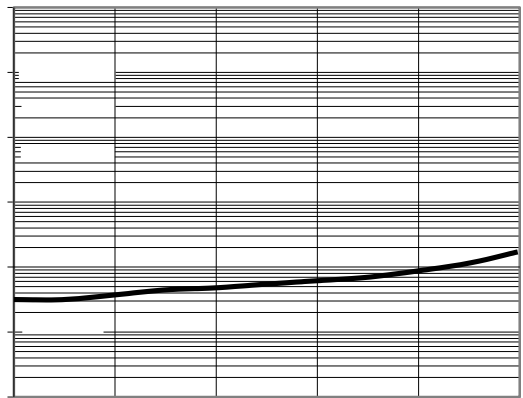


7 F&DV7HP S&

Current Derating, Case



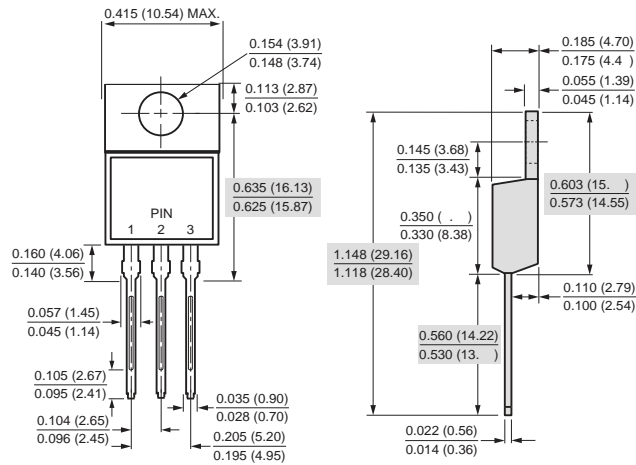
Typical Junction Capacitance



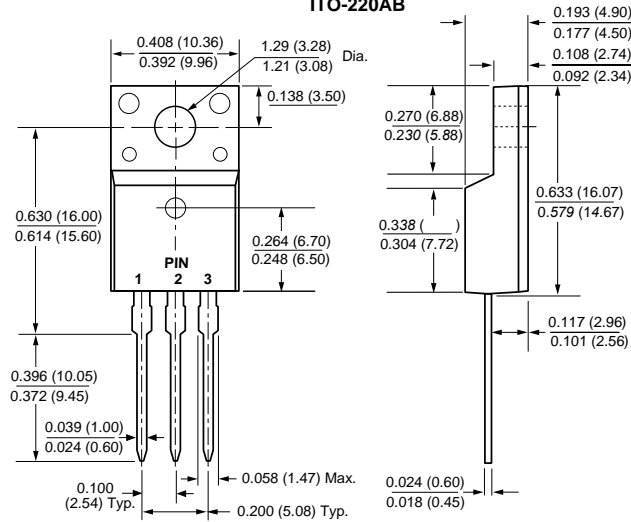
PACKAGE OUTLINE DIMENSIONS

Note:unit In(mm)

TO-220AB



ITO-220AB

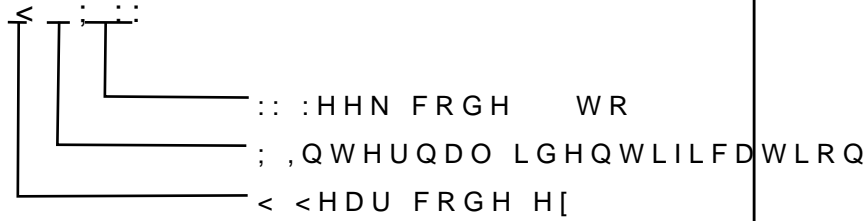


TSR40S 50CT TSR40S150CTF

Marking Information

: &RPSDQ\ V WUDGHPDUN
83URGXFW P65GH0 &7 RU 765 6 &7)
93'& LQIRUFDWLRQ

765



Packaging Information

7XEH 'LPHQVLRQV

,QVLGH %R[

ee e 0

2XWVLGH %R[

Packaging Information