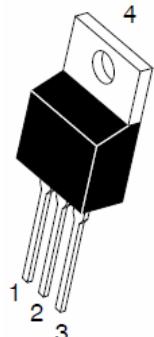
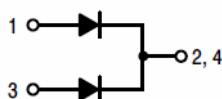


7 U H Q F K 0 2 6 % D U U L H U 6 F K R W W N \ 5 H

TO-220AB
TSR / & 7



ITO-220AB
TSR / & 7F



Features

‡ \$ G Y D Q M F U H G Q F K W H F K Q R O R J \
‡ / R Z R U Z D R G W D J H G U R S
‡ / R Z R Z I O R V V H V
‡ + L J H K I L F L H Q F \ R S H U D W L R Q
‡ / H D G H) H Q L V K & R P 6 O L D Q W

Applications

‡ ' & ' & & R Q Y H U W H U V
‡ \$ & ' & \$ G D S W R U V
‡ 6 Z L W F K R D H S S O L H V
‡) U H H Z K H ' H L Q I G Q J V

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

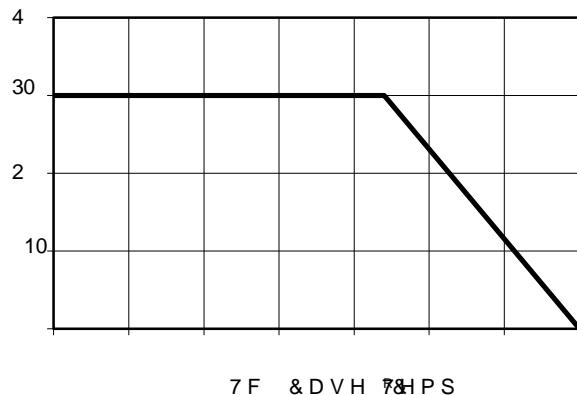
3 D U D P H W H U	6 \ P E R O	/ L P L W	8 Q L W
0 D [L P X P H S H V S I H M U N Y Y H U R / O H W D J H	9 55 0		9
0 D [L P X D P Y H U D R U H Z D U G U F X F E W H I S W G S H G L R G H	G H Y L F H ,) \$ 9		\$
3 H D N I R W Z D U B S U U H Q W V L Q D O H Q H Z D Y H V X S H U L P S R V H Q R R S G B G U D R / G H G	,) 6 0		\$
2 S H U D M X Q B D M Q R Q W R U D J H W H P S H U D W	X U H U D Q J H W R		f &
7 \ S L F M D K H U P D O U S H H V U V O H D Q F H	7 2 \$ % , 7 2 \$ %	5 \$ - &	f & : f & :
, Q V W D Q W D Q H R R O W R D U S H G L R G H		7 < 3	0 \$;
	,) \$ 7 - f &	1	7 6
	,) \$ 7 - f &	5	1.05
	,) \$ 7 - f &	8	
, Q V W D Q W D Q H R X M U S H H M R D M H U D W U H H G Y H U R / O H W D J H	7 - f &	, 5	X \$
	7 - f &		P \$

1 R W H V

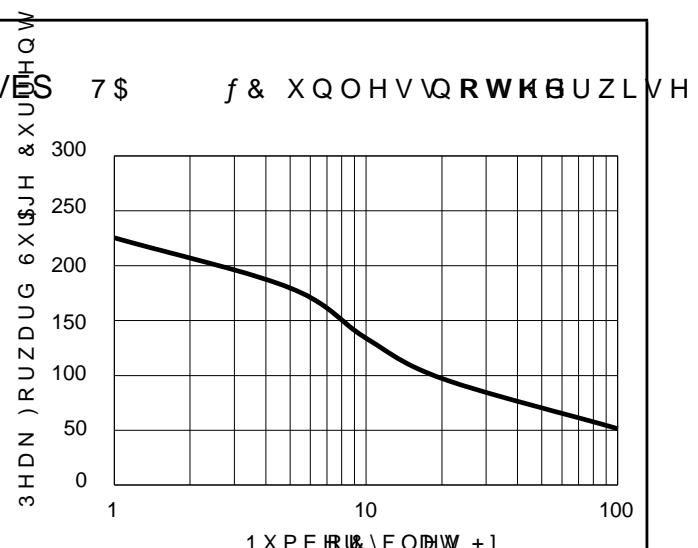
3 X O V H W H W W S X O V H Z L G W K G X W \ F \ F O H

3 X O V H W H V W 3 X O V H Z L G W K 0 P V

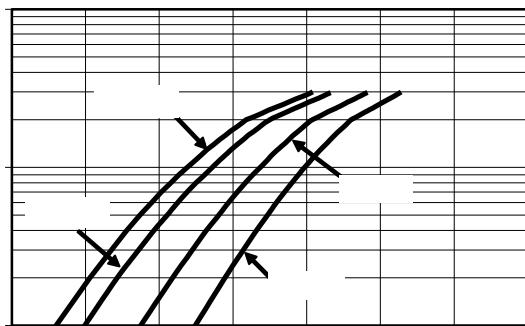
RATINGS AND CHARACTERISTICS CURVES



Current Derating, Case

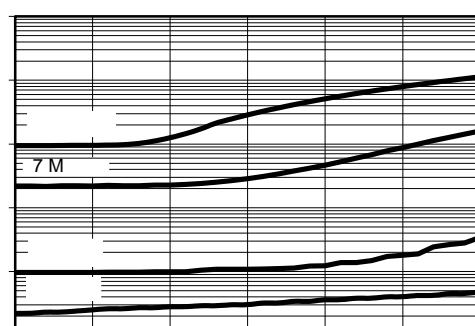


Maximum Repetitive Surge Current



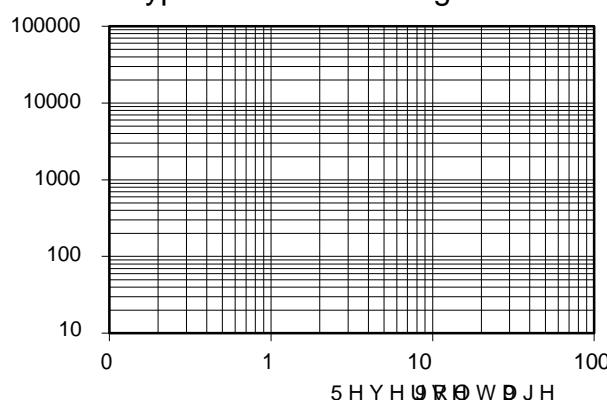
9 I , Q V W D Q W D Q H R R X Q / W) D R J H Z D R J G

Typical Forward Voltage



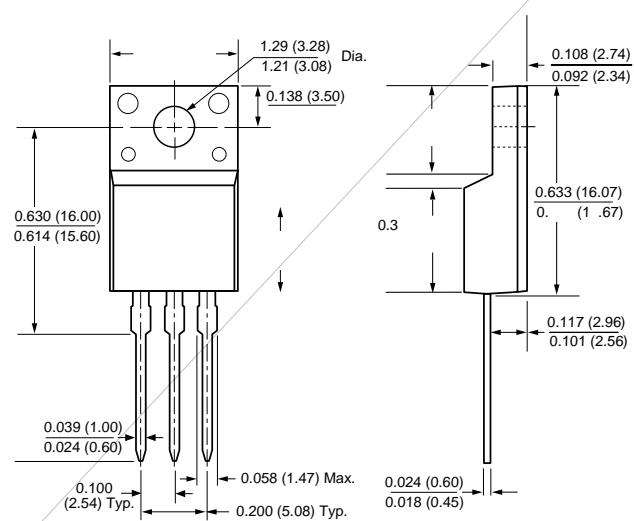
9.5 5 H Y H U V H 9 R O W D J H 9 R O W V

Typical Reverse Current

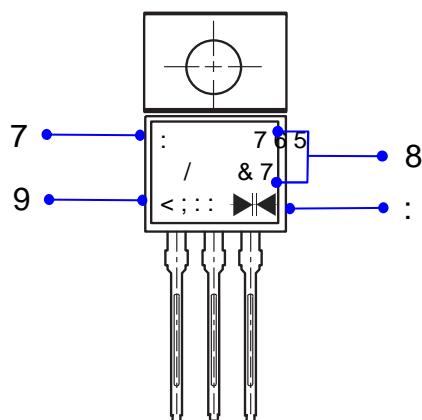


Typical Junction Capacitance

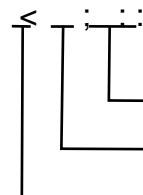
PACKAGE OUTLINE DIMENSIONS



0DUNLQJ , QIRUPDWLRQ



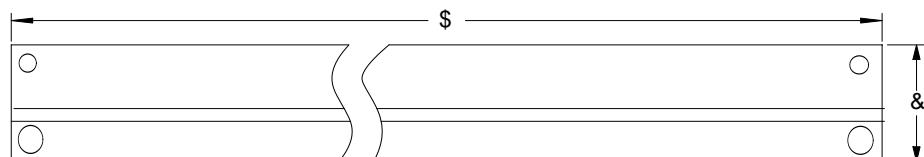
7 : &RPSDQ\ V WUDGHPDUN
8 3URGXFW 7P65GHQ&7 RU 765 / &7)
9 3'& LQIRUPDWLRQ



: ►► 'RXEOH ZDIHU

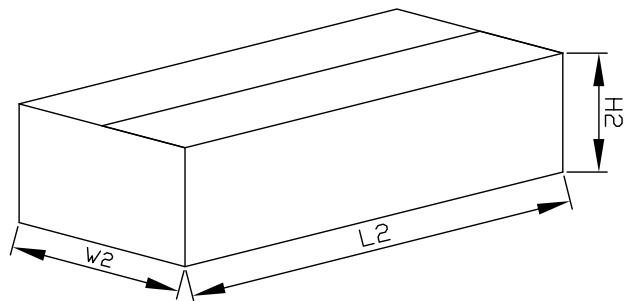
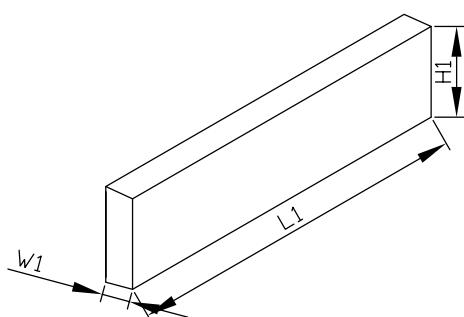
3DFNDJLQJ , QIRUPDWLRQ

7XEH 'LPHQVLRQV



, QVLGH % R[

2XWVLGH % R[



3DFNDJLQJ , QIRUPDWLRQ

12	81,	7XEH 'LPHQVLR			, QVLGRH[2XWVLGH % R		
6L]H	PP	\$	%	&	/	:	+	/	:	+
47<	3&6	3&6 7XEH			6 PDO \$IDFWWDJH3&6 WXEWVRWDO			3&6 FDUEMRGLVWRWDO		
1RW	H	7ROHUDQFH P" PP			PP" PP			PP" PP		