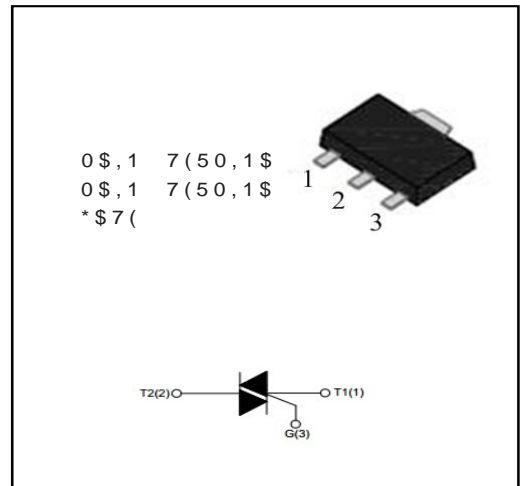


-, \$1\*68 &+\$1\*- ,1\* (/(&7,58261 7 (&+12/2&2 /7'

4 75, \$&V

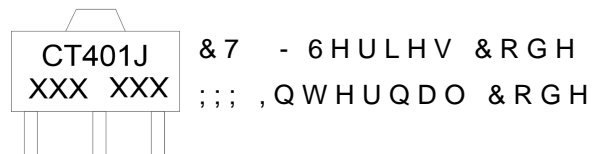
	J	
	J	



13131 ODVHWUXFVXSL&W  
 0HVDDODVDDVVLVYTHWFKQRORJ\  
 0XOVLHUMW(DDFWURGHV  
 +LJK -XQFWLRQ 7HPSHUDWXUH  
 \*RRG &RPPXWDWLRQ 3HUIRUPDQFH

0\$5.,1\*

+HDWHU &RQWURO  
 0RWURU 6SHHG &RQWUROOHU  
 0L[HU

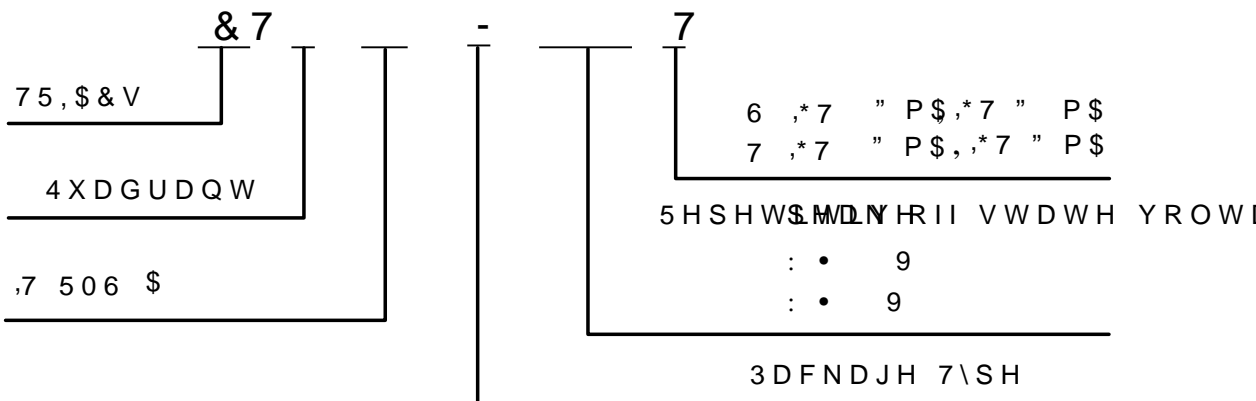


/

					A
	5HSHWLWLYH VWDWH YROW	7M	&7 -		9
			&7 -		9
	506 RQ VWDW	627 7" )LJ			\$
	1RQHSHWIXWU SHRNQ VWFVWU	)XOO VLQH7MZQYM WS PV )LJ		0	\$
	,W YDOXH	WS PV			\$ V
	&ULWLDFFDLDLVH RQ VWFVWUHHQW7M	RI ;7 WU" QV =>		+	\$ V
	3HDN JDWH F	WS -M 7			\$
	\$YHUDJH JDW	7M			:
	6WRUDJH WHP	SHUDWXUH		a	
	2SHUDWLQJ MXQFWLRQ WHPSHUDWXUH			a	

			7	6	
*DWH WULJJH	9, 9 ,7 \$	FXUHQW	"	"	P \$
*DWH WULJJH	7M )LJ	YROWDJH	"		9
1RQ WULJJH	9' 9'50 M	HULQJ JDWH YROWDJH	•		9
+ROGLQJ FXUHQW	9, 9 ,7 \$		"	"	P \$
/DWFKLQJ FXUHQW	7M )LJ		"	"	P \$
&ULWLDLULVH	9'50 M	*DWH RIRII VWDWH 2SHQ 7	•	•	9 V
2Q VWDWH	9,70 \$WS )LJ	YROWDJH V	"		9
5HSHWLWLYH	9, 9, 9 9'50 9'50 M	SHDN RII M	"	"	\$
VWDWH FXUHQW	9, 9, 9 9'50 9'50 M		"	"	P \$

5WK M F	-XQFWLRQ WR F DVH	\$ & 627	:
5WK M D	-XQFWLRQ WR DPELHQW	627	:



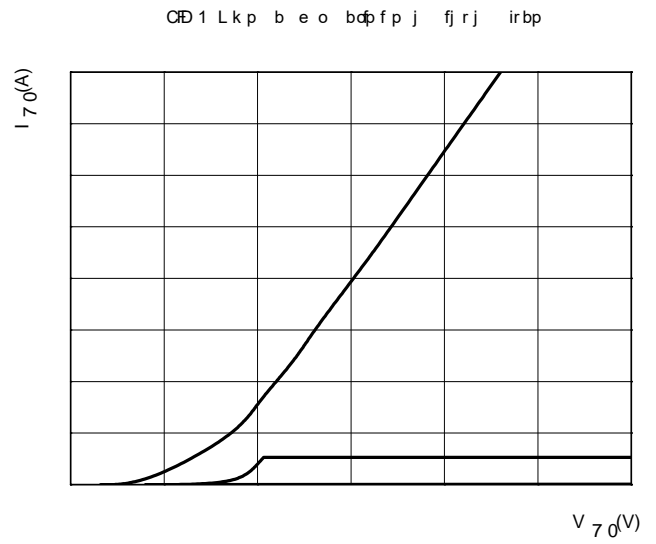
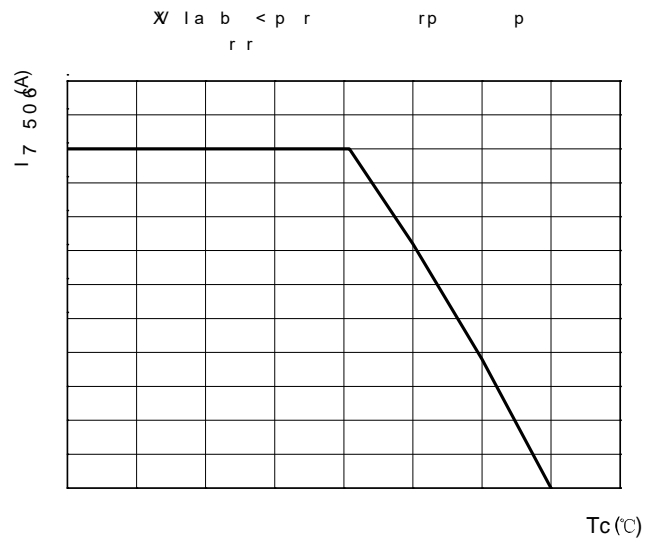
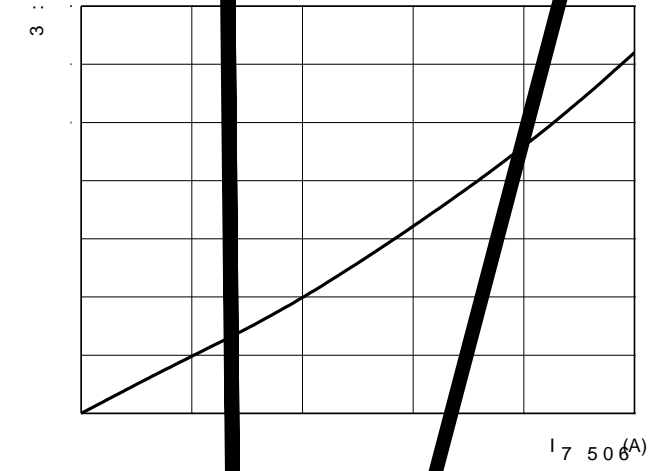


FIG.5: Non-repetitive surge peak on-state current for a sinusoidal pulse with width  $t_p < 10\text{ms}$

GD 3 O b i f b d f k p l c d b d d b o r a b k e l i a f k d  
r a b k k a i e f k d r a b k b p r p g k f k  
b j n b o r d n f i i r b p

\*\*7 + y \*\*7 Z+ / , ° C , , 7

WS PV

Tj (°C)

**PACKAGE**