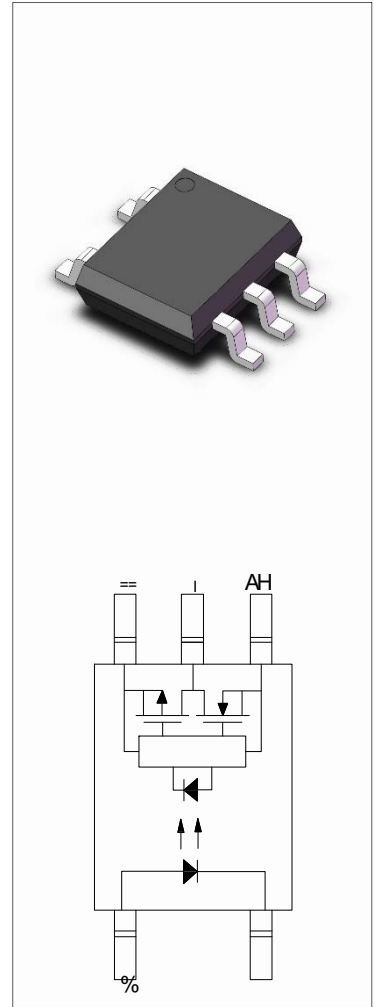




I J/ ( +/G< 2/ ; A;  
 F & =G & ( . = %t+ =( &  
 ; ) & ; & &  
 ( &  
 B -1/ G  
 B +/G<  
 I . = ++ =  
 ; =B B  
 B<G4B; 5GG4G 5= G4-  
 = =  
 F



F	I
I H	F
I	B

7, / =

Parameter		Symbol	Value	Unit
C	=	C	/	;
	J =	G	+	;
			0	

	C J	J	+	
I		=	1	
	I	I	==%(/	
	I =	C	+	;
	I J	J <sub>I</sub>	,,	
J		J	+	
C			-1/	
I			. ++	
D			+/	
			// +/	
			,0	

7, / =

Parameter		Symbol	Condition	Min.	Typ.	Max.	Unit
C			C7+ ;		+(-/	+0	
	C <	<	C7+ ;	/			
	=	C	70			+	;
	C =	=	7 &7+GB		-	+	
I	B F =	G <sub>B</sub>	==7/ &7 ;			0(/	;
	F F =	G <sub>F</sub>	==7/ &7+ ;			0(/	;
	F B I	I <sub>B</sub>	C7 ; &7, ;	(+			
	F F I	I <sub>F</sub>	C71 ; &7, ; &7 ==7/		(,	(+	
	C	C <sub>I</sub>	=/ . 0 (B	+ +			
	=	=C	7+GB		(0		
=	= F	C	==7/			/	;

	J F F	JBF	$C_{71} ; \&F7H$		1	+	
	J F B	JFB	$C_{71} ; \&F7H$		//	+	
	= C B G F	= $G_B$	$C_{71} ; \&=G7+ \&=F7H \&=7I$	,			)
	= C F G F	= $G_F$	$C_{71} ; \&=G7+ \&=F7H \&7I$	,			)

Characteristics	Symbol	Min.	Typ.	Max.	Unit
I		.		+ /	
	=	, (1		/ (	
F F C =	$G_F$			, /	;
B F C =	$G_B$	2		+0	;
	I			(2	



FIG.1: = (

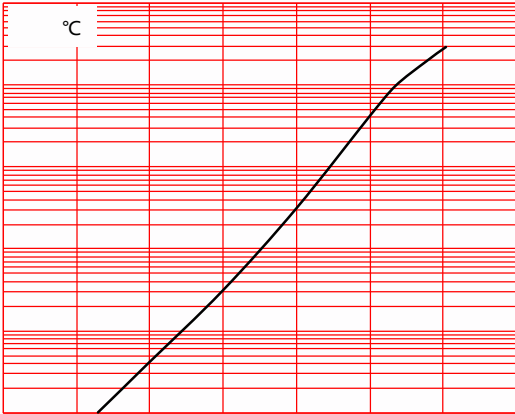


FIG.2: G (; F = (;

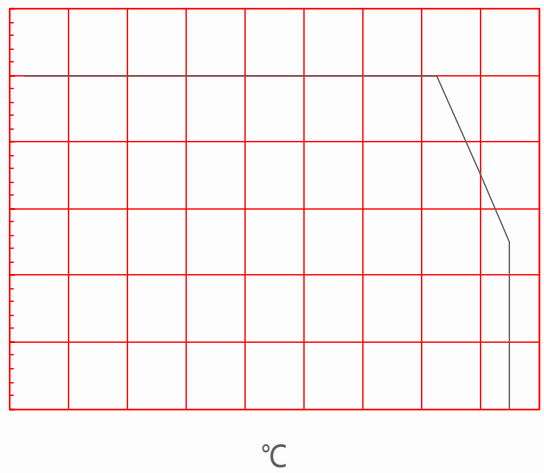


FIG.3: F B I = ( ;

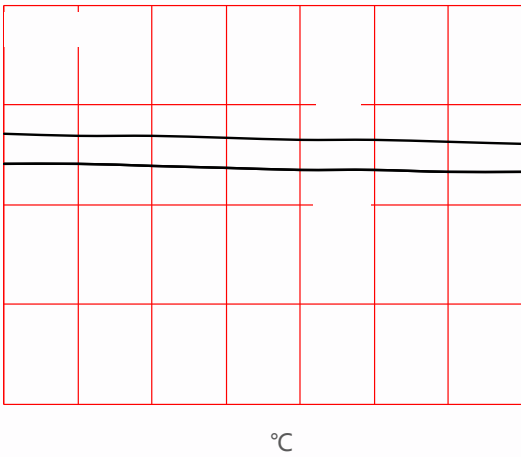


FIG.4: F F I = ( ;

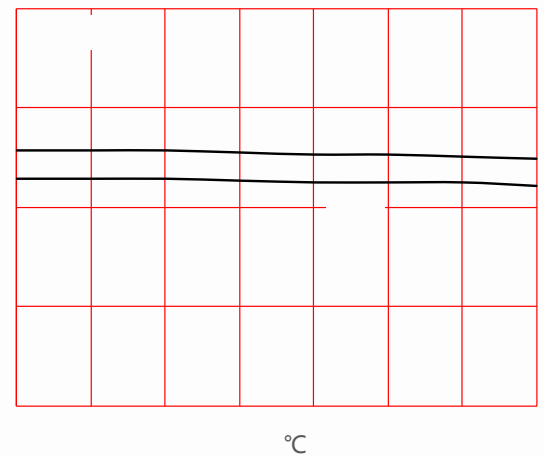


FIG.5: J (;

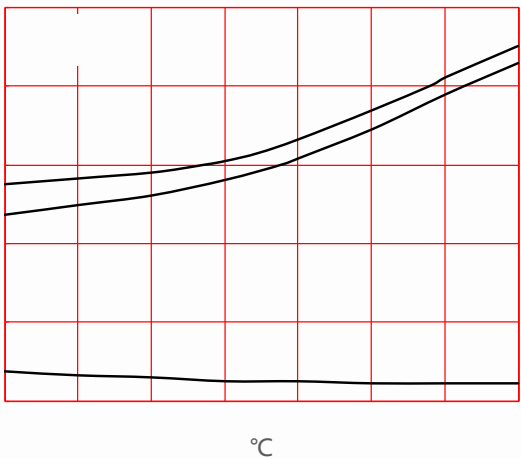


FIG.6: C = (;

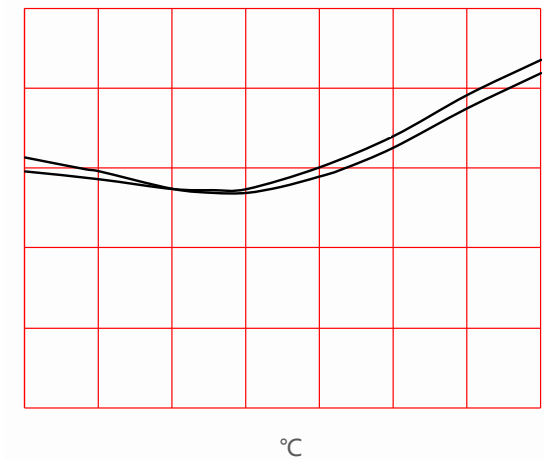


FIG.7: J

(;

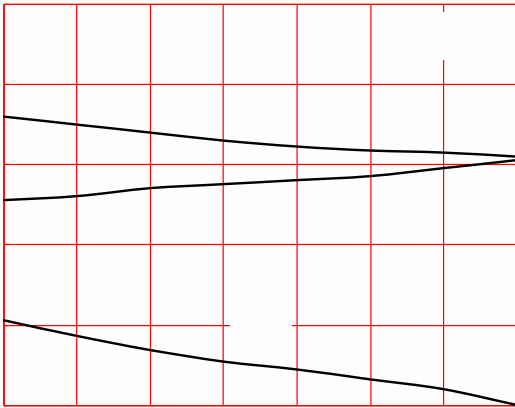


FIG.8: J

(;

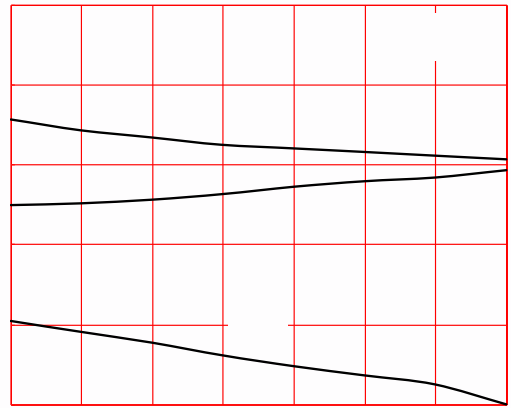


Fig.9: Switching Time Test Circuit and Waveform

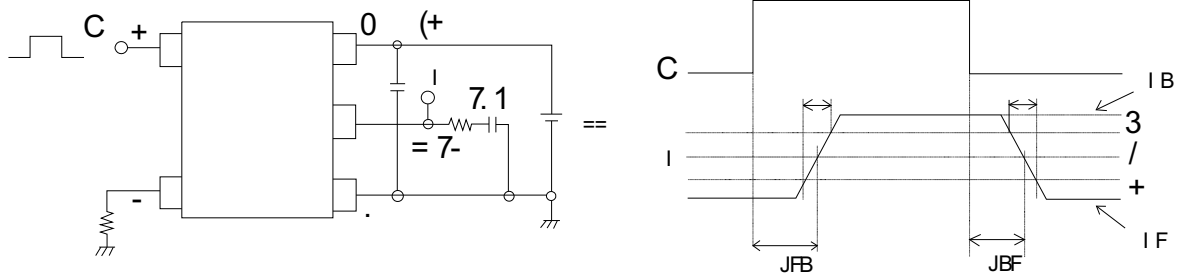
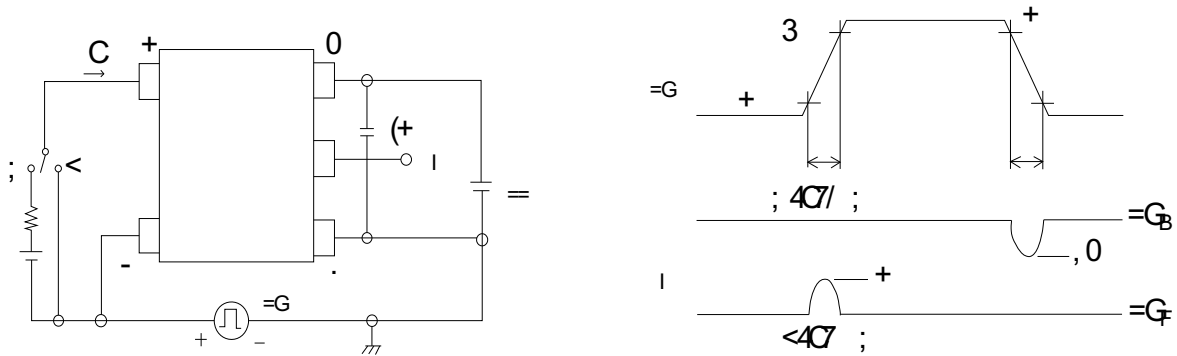
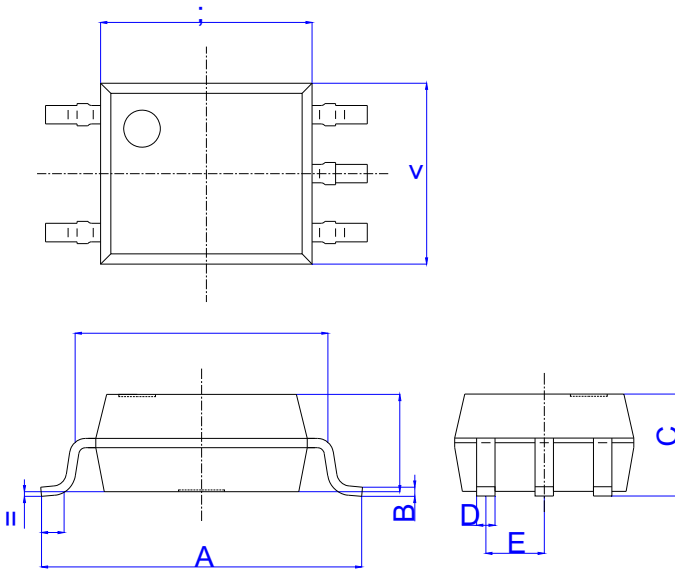
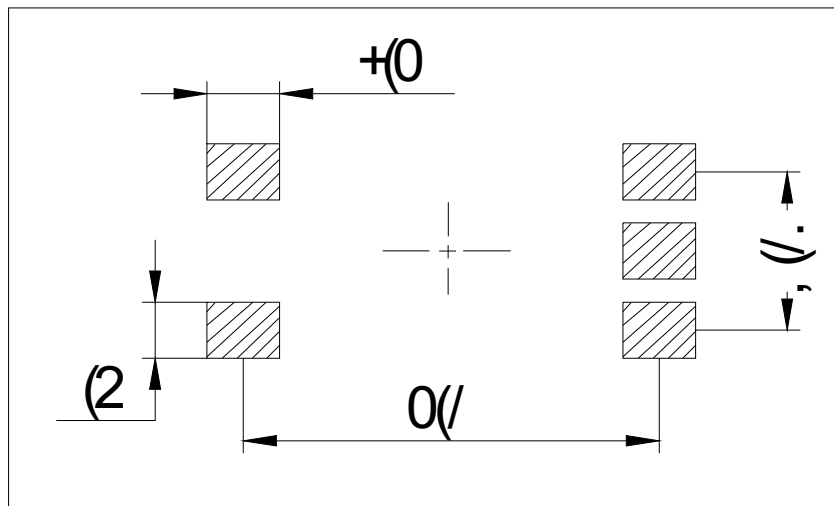


Fig.10: CMTI Test Circuit and Waveform

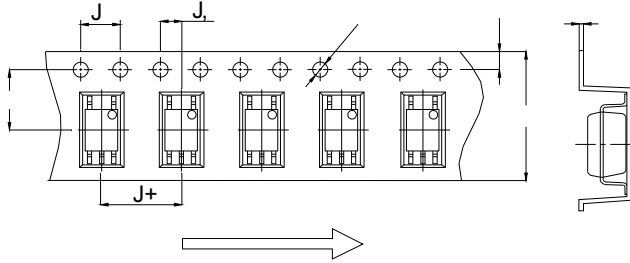




(	G			C		
	G (	(	G (	G (	(	G (
;	. (		. 2	(+1-		(+23
<	-0		. (	(+,		(+0/
=	(		(	(		( 2
	+3		, (-	( 1/		( 3+
	/ (		/ 0	(+31		(,
	(.		3	( +		( -1
A	0(1		1(-	( 0		( 21
B	(+		(-	( .		( +;
C	, (		, (	( 13		( 3
D	( /		( /	( +		(,,
E	+ ,		+ /,	( .		( 0



Option None



(	G			C		
	G (	(	G (	G (	(	G (
		+/	+0		(/3	(0-
J	-3	. (	. (+	(+.	(+1	(+0+
J+	13	2(	2+	(-++	(-+/	(-+3
J,	+3	, (	, (+	(1/	(13	(2-
	+0/	+1/	+2/	(0/	(03	(1-
	. (	. /	. 0	(+1-	(+11	(+2+
	(/	(-	(-/	(+	(+	(+
	+3	+(	+(-	(03	(1,	(2

Option R

5

R

f 5

---



---



H 4

+( & (

, (; (

-(; (C

& ,/(H(

.( (

/( (

0( (4 . =5  
460 5

G F 4G F+

C (B &  
D DD G = (& (

& (C

& DD & (

J (

D DD

(



= , , 0D DD G DD G = (& (