REVISION HISTORY

DEVICE ORDER INFORMATION

25'(5$%/('(9,&(	3$&.$*,1* 7<3(	67$1'$5' 3$&. 47<	3$&.$*(0$5.,1*	3,16	3$&.$*('(6&5,37,2	06/

ABSOLUTE MAXIMUM RATINGS

Over operating free-air temperature unless otherwise noted(1)

DESCRIPTION	MIN	MAX2F

PIN CONFIGURATION

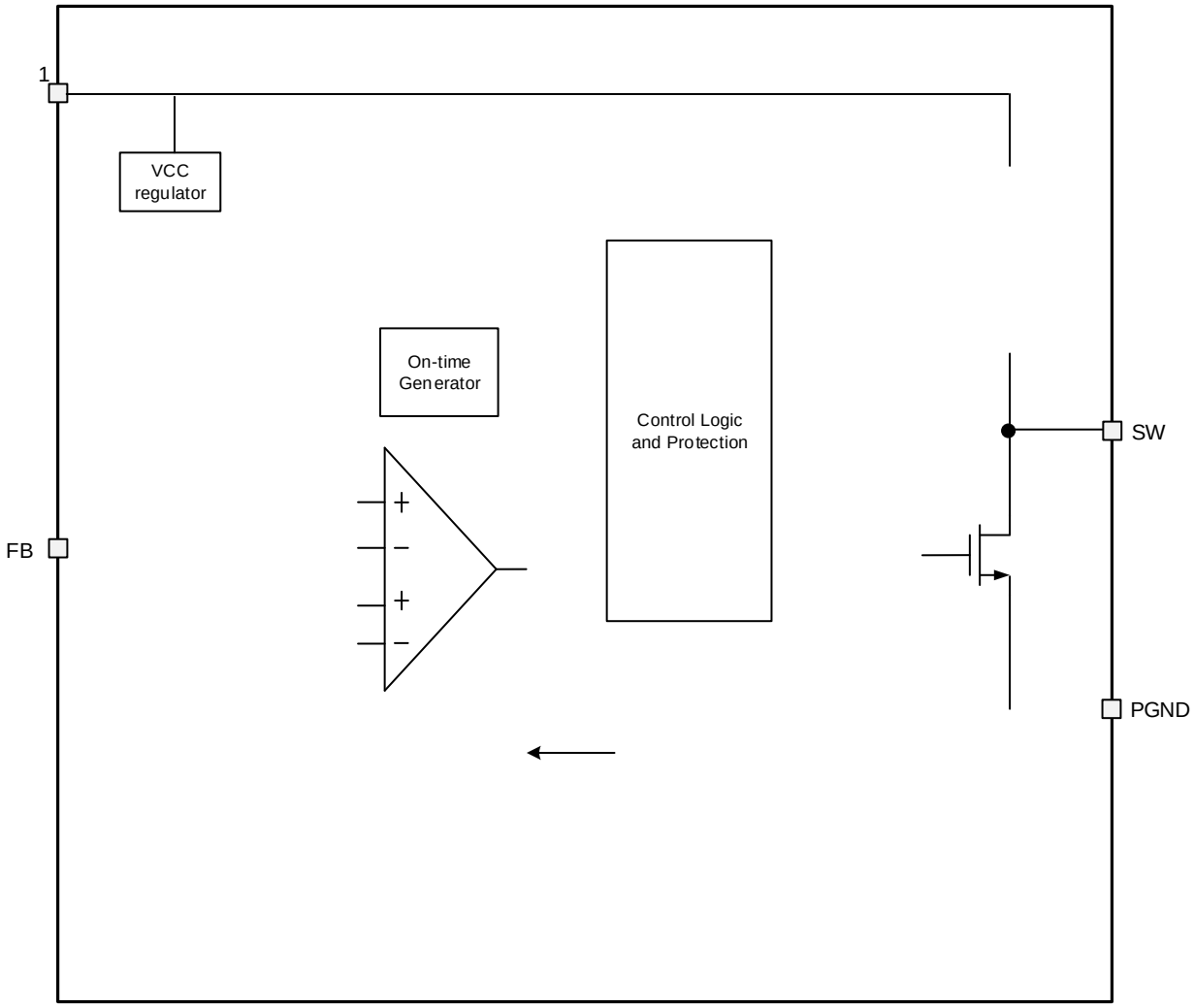
ESD RATINGS

3$5$0(7(5	'(),1,7,21	0,1	0$;	81,7

(1)

6<0%2/ 3$5$0(7(5

FUNCTIONAL BLOCK DIAGRAM



)LJXUH)XQFWLRQDO %ORFN 'LDJ

OPERATION

2 Y H U Y L H Z

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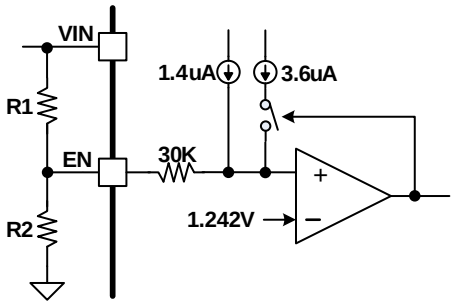
W K U H V K R O D‰ O O•9†)C …P K ` H H„TcQ”0 ‘ a''ëõ™o #ˆlc• g/

)LJXUH2 SRZHU SDWKLWHFWXUH

3XOVH)UHTXHQF\ 0RGXODWLRQ 00RGXODWHV860

)RUFHG 3XOVH :LGWK 0RGXODWLRQ)3:0 PRGH

(QDEOH8QGHOD\RJHN7XWRUVKROG



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2XWSXW 9ROWDJH

ø

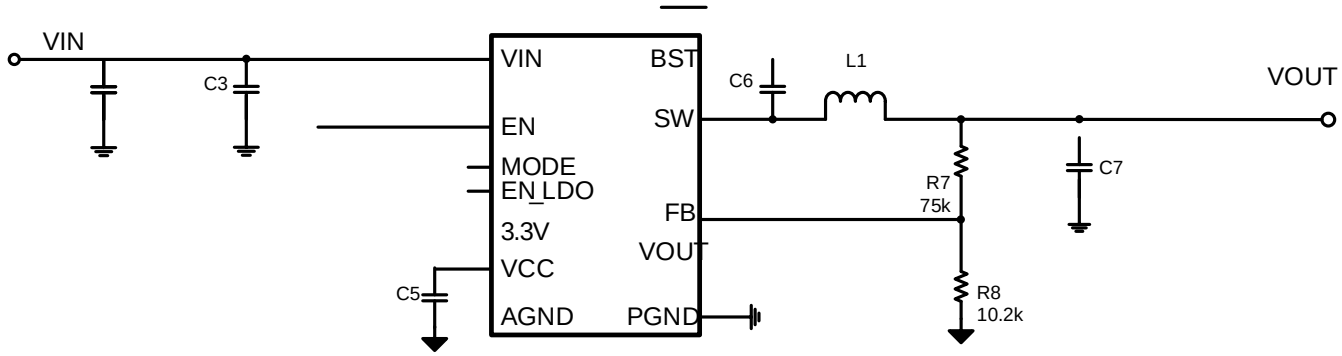
8QGHUYROWDJH 3URWHFWLRQ

2YHU YROWDJH 3URWHFWLRQ

7KHUPDO 6KXWGRZQ

APPLICATIONINFORMATION

7\SLFDO $SSOLFDWLRQ



)LJXUH 9 ,QSXW$ 29X WSXW

'HVLJQ3DUDPHWHUV

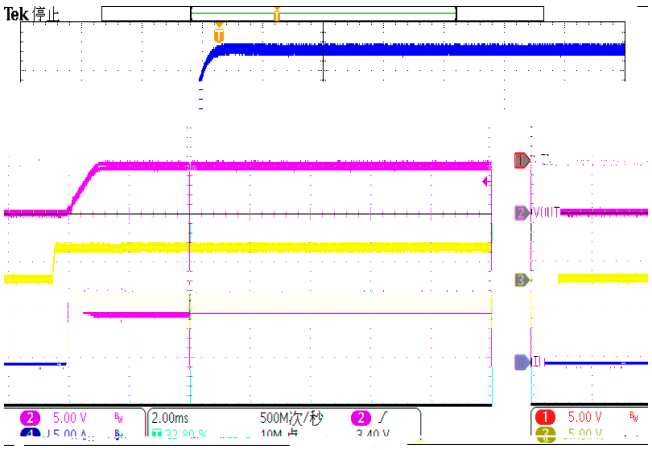
Design Parameters	Example Value
Input Voltage	12V
Output Voltage	5V
Output Current	6A
Output voltage ripple (peak to peak)	50mV
Switching Frequency	400kHz

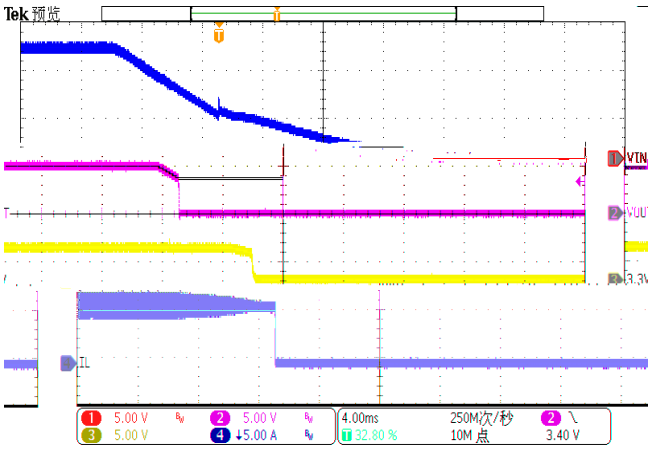
,QSXW &DSDFLWRU 6HOHFWLRQ

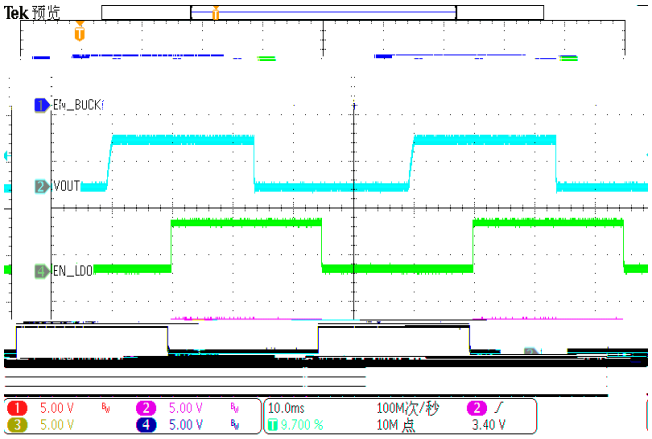
,QGXFWRU 6HOHFWLRQ

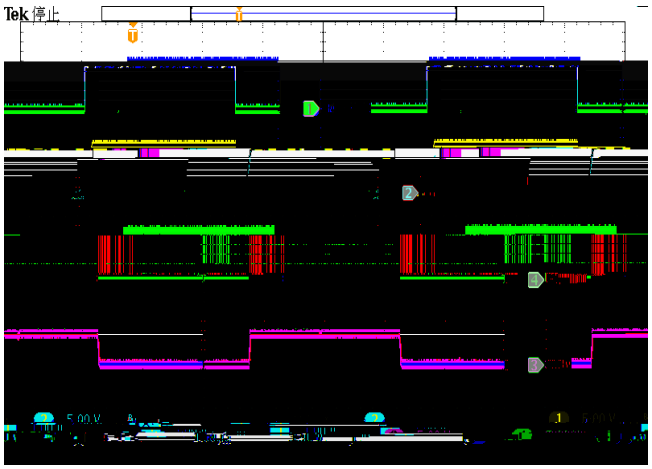
2XWSXW &DSDFLWRU 6HOHFWLRQ

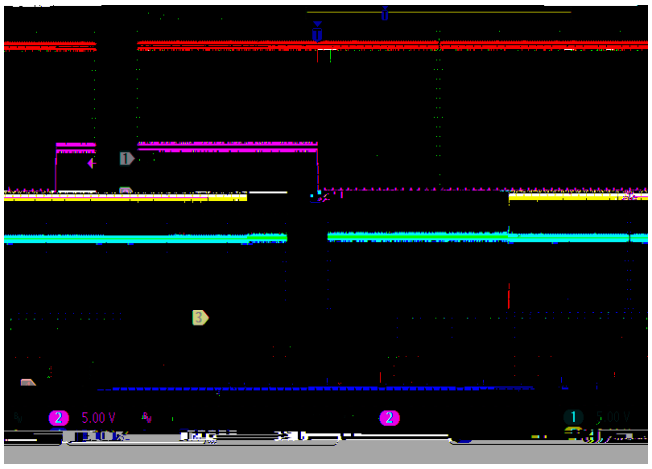
$ S S O L F D W L R Q : ĐRY ĐQ WRLLQPXH G

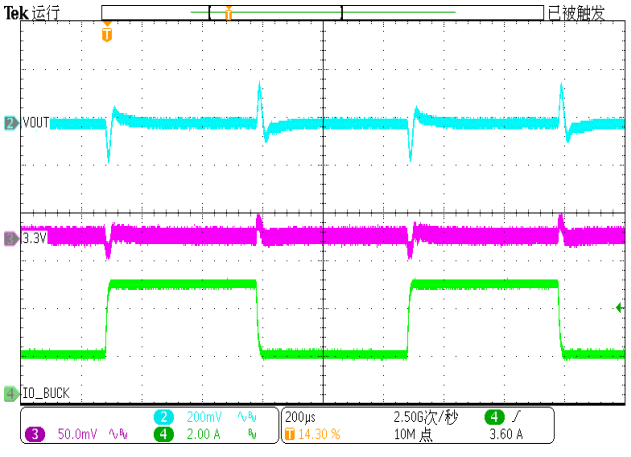






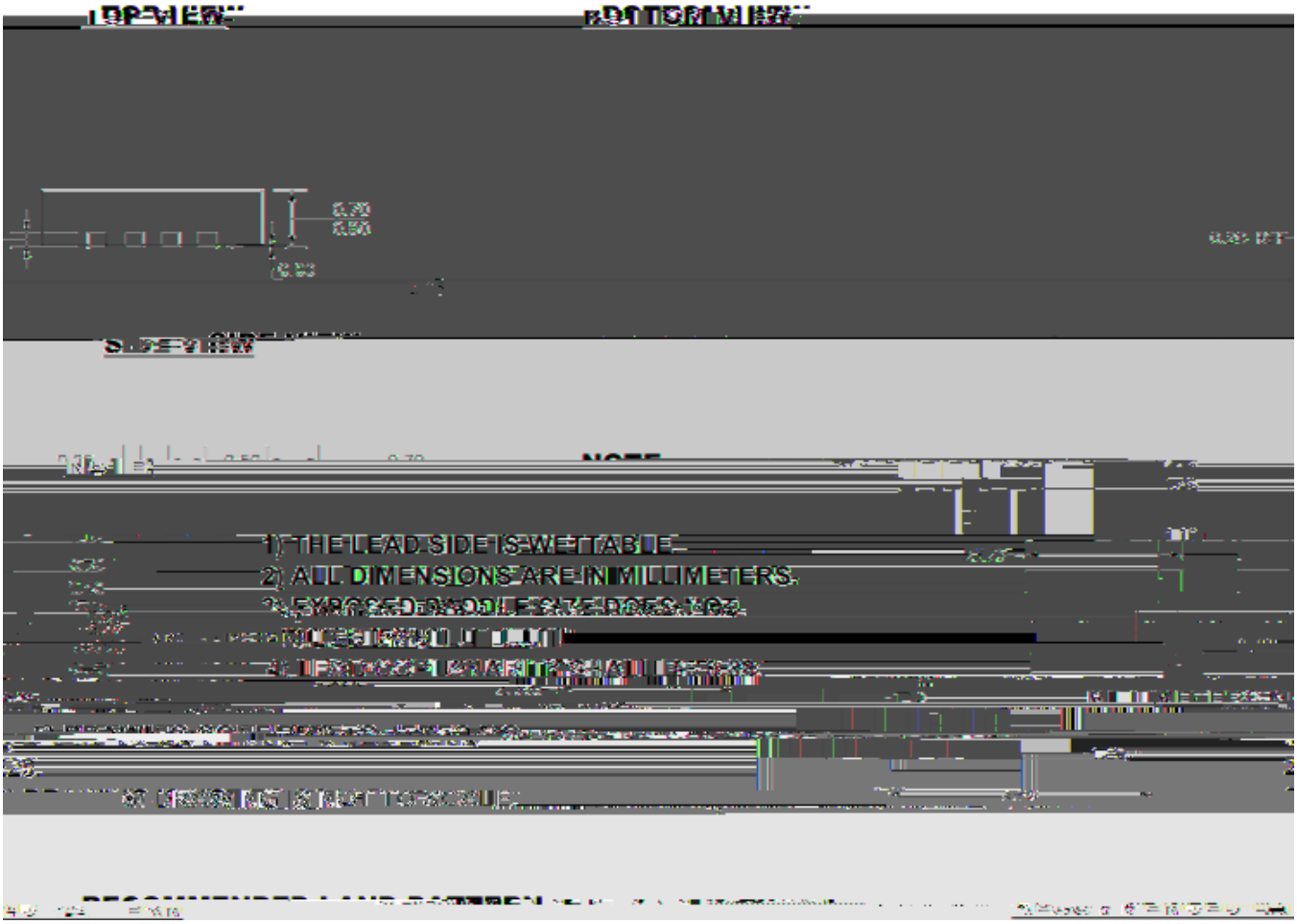
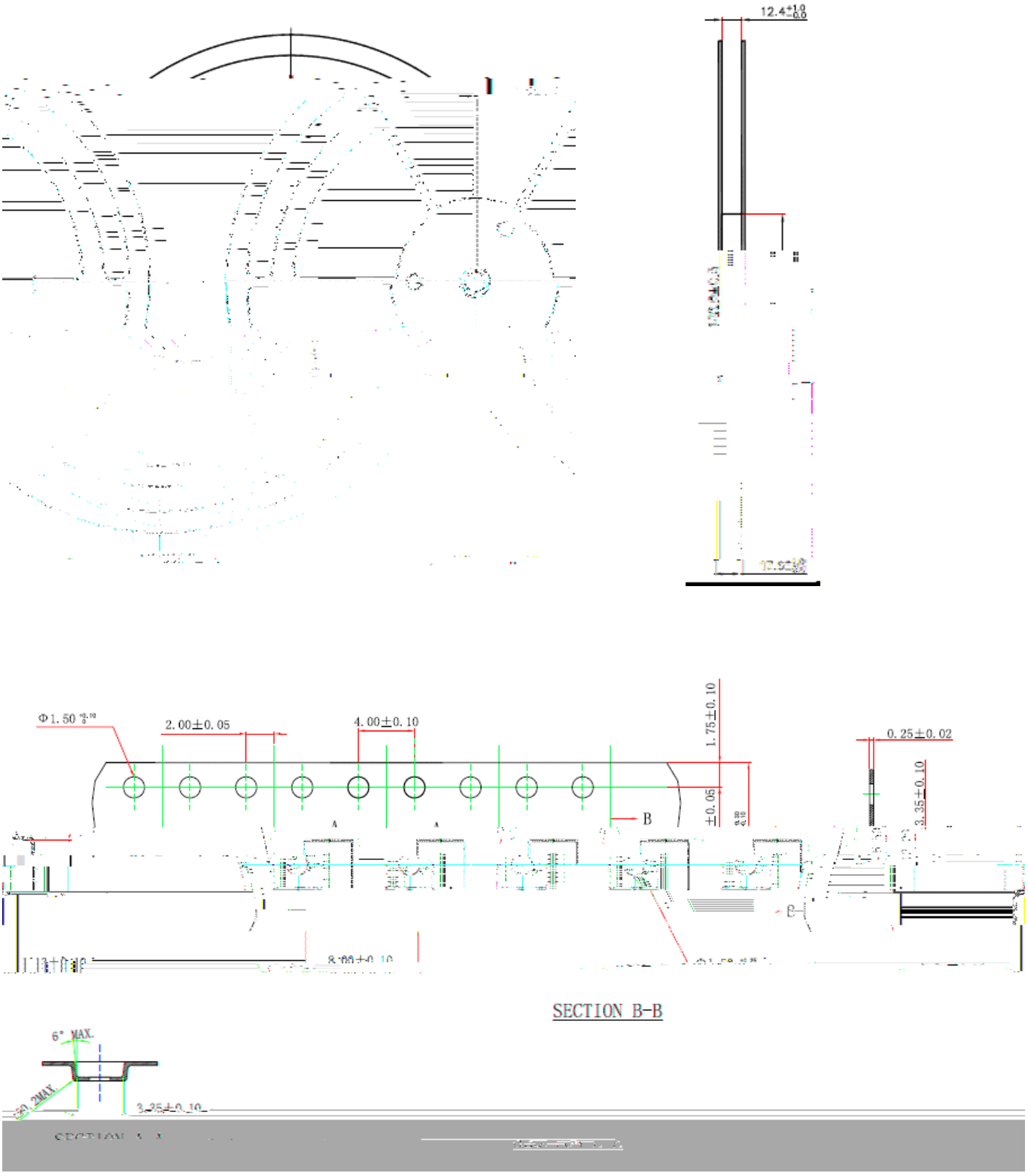






$SSOLFDWLRQ :DYHIRUPV

PACKAGE INFORMATION



TAPE AND REEL INFORMATION