25'(5$%/('(9,&(	3$&.$*,1* 7<3(	67$1'$5' 3$&. 47<	3$&.$*(0$5.,1*	3,16	3$&.$*('(6&5,37,21	06/

SCT CONFIDENTIAL

SCT CONFIDENTIAL

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

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

3$5$0(7(5	7+(50$/ 0(75,&	)&4)1 /	81,7

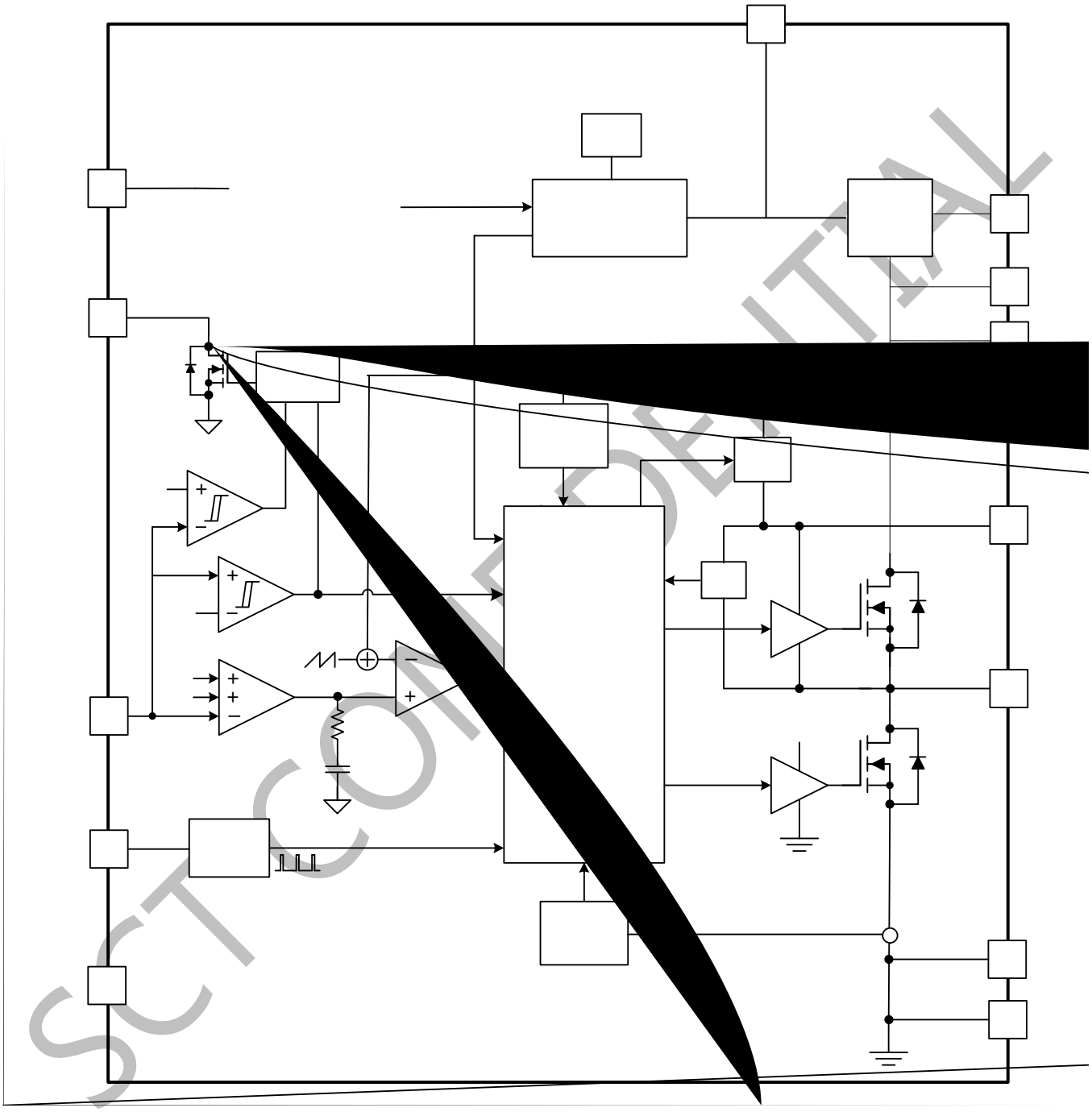
SCT CONFIDENTIAL

SCT CONFIDE

6<0%2/	3$5$0(7(5	7(67 &21',7,21	0,1 7<3 0$;	81,7
3RZHU *RRG				
		POWER GOOD (% of FB voltage)		
		POWER BAD (% of FB voltage)		
		POWER BAD (% of FB voltage)		
		POWER GOOD (% of FB voltage)		
		VPull-Up = 5V		
		IPull-Up = 1 mA		
3URWHFWLRQ				

SCT CONFIDENTIAL

SCT CON



SCT CONFIDENTIAL

2YHUYLHZ

SCT CONFIDENTIAL

SCT CONFIDENTIAL

SCT CONFI

3RZHU*URRG

7KHUPDO 6KXWGRZQ

SCT CONFIDENTIAL

2 X W S X W 9 R O W D J H

9 2 8 7	5	5

$_5 = (\frac{\quad}{\quad} - 1)$ $_6$

6 Z L W F K L Q J) U H T X H Q F \

) V Z	5 5) 6 :

$_3(K\Omega) = (\frac{1}{(\quad)} - 3.3 \times 10^{-5}) \times 2.04 \times 10^{4}$

8 Q G H R U O 9 W D J H 2 X W

$= (\frac{1}{2} + 1) \times$

$= (\frac{1}{2} + 1) \times$

SCT CONFIDENTIAL

,QGXFWRU 6HOHFWLRQ

SCT CONFIDENTIAL

, Q S X W & D S D F L O W R W L R Q

$$I_{CINRMS} = I_{OUT} \sqrt{\frac{V_{OUT}}{V_{IN}} \left(1 - \frac{V_{OUT}}{V_{IN}}\right)}$$

$$I_{CINRMS} = 0.5 \quad I_{OUT}$$

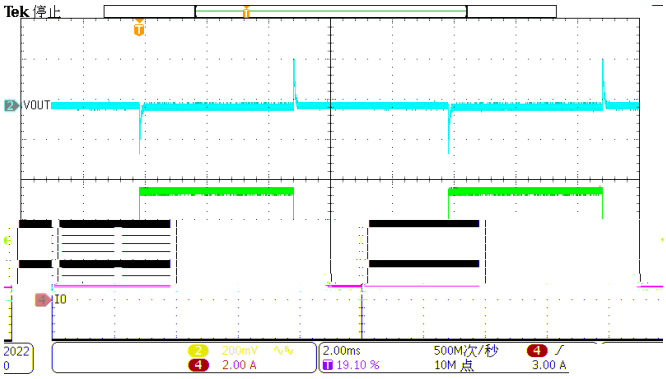
$$\Delta V_{IN} = \frac{I_{OUT}}{f_{SW} \; C_{IN}} \; \frac{V_{OUT}}{V_{IN}} \left(1 - \frac{V_{OUT}}{V_{IN}}\right)$$

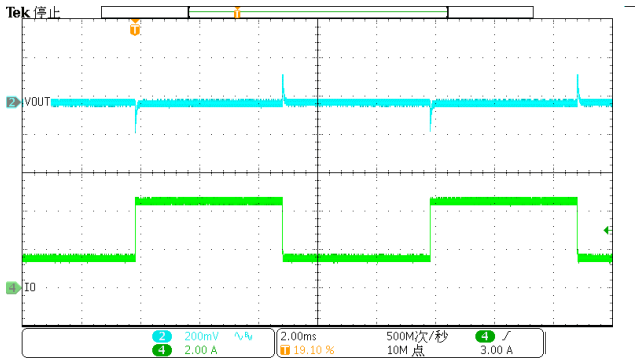
SCT CONFIDENTIAL

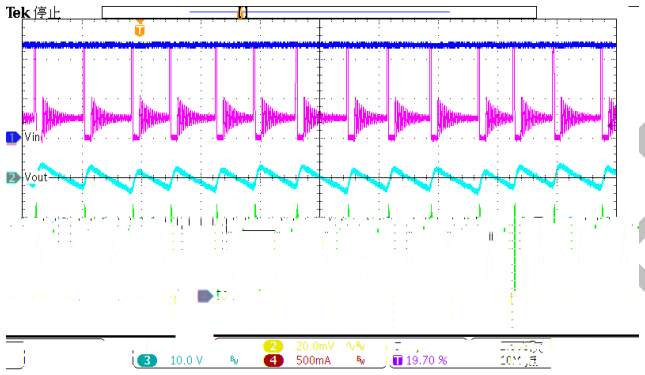
7DEOH7\SLFDO ([WHUQDO &RPSRQHQW 9DOXHV

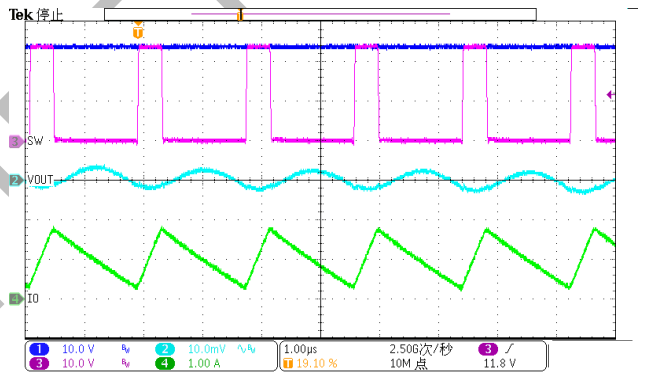
SCT CONFIDENTIAL

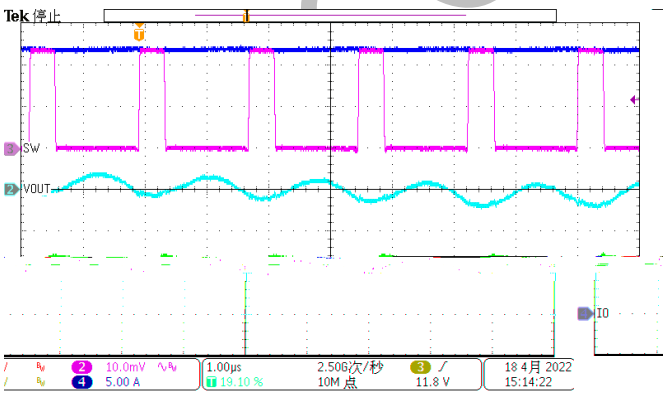
$SSOLFDWLRQ :DYHIRUPV

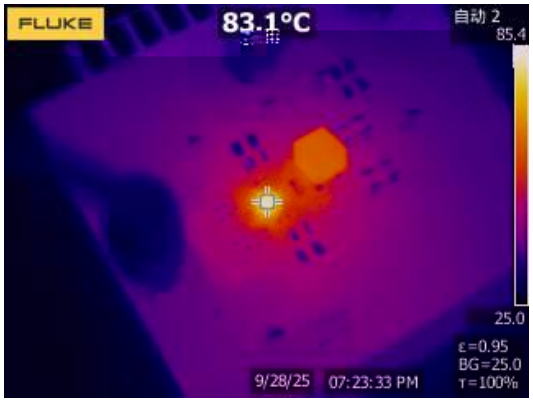












/ D \ R X W L G H O L Q H

1.

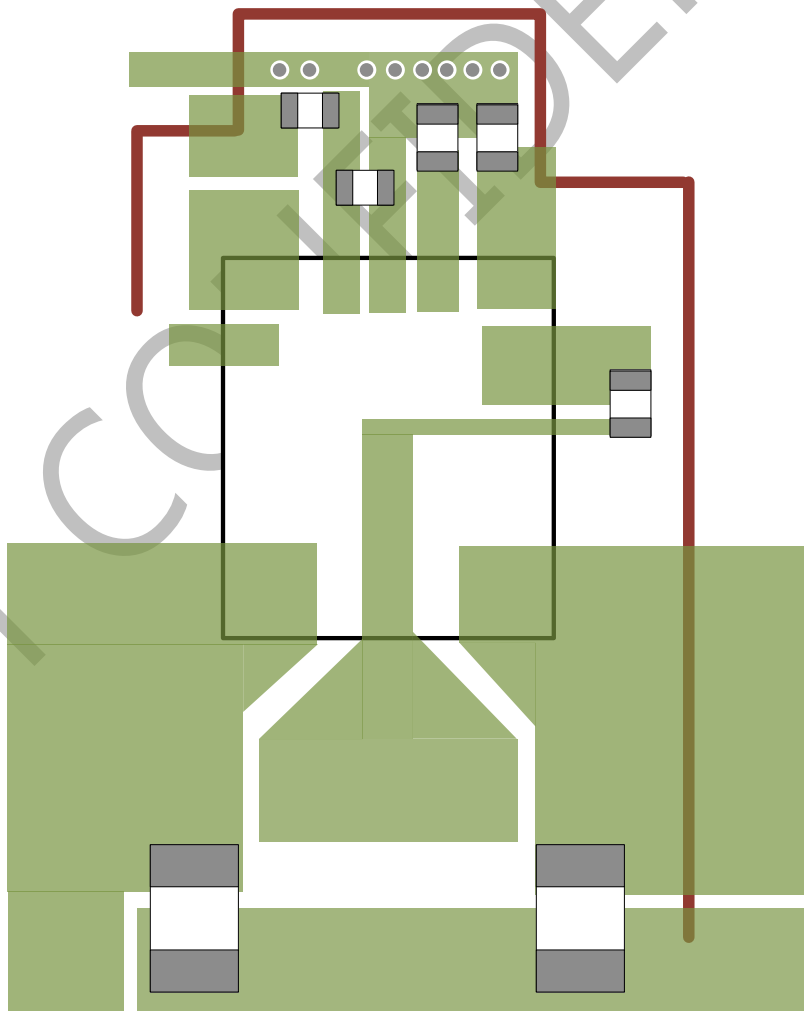
2.

3.

4.

5.

6.



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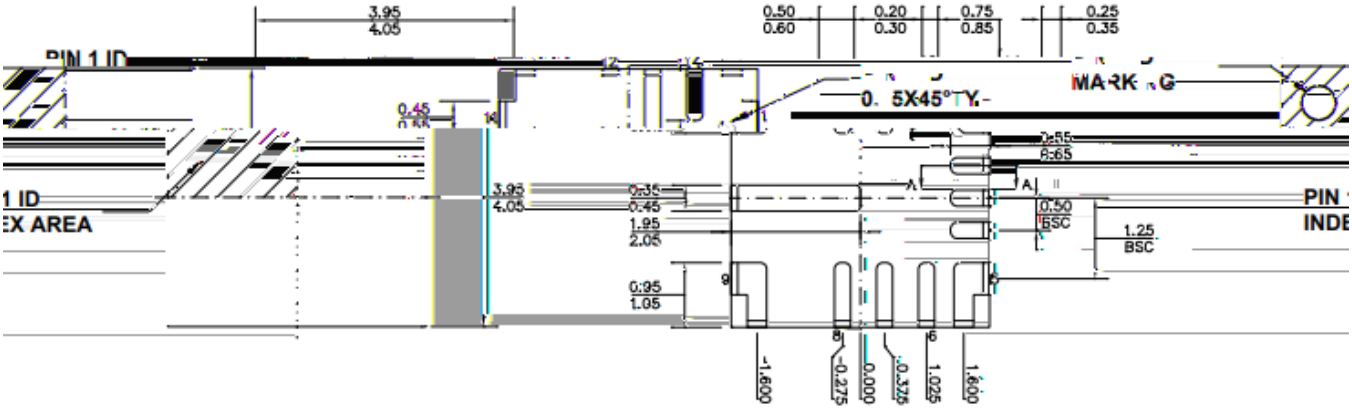
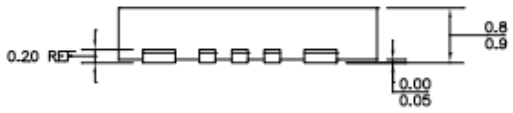
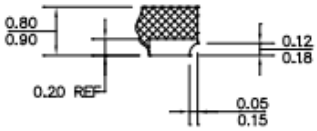


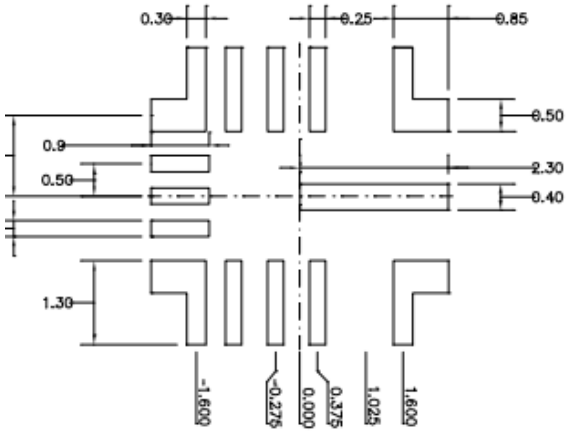
TOP VIEW **BOTTOM VIEW**



SIDE VIEW



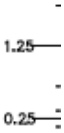
SECTION A-A

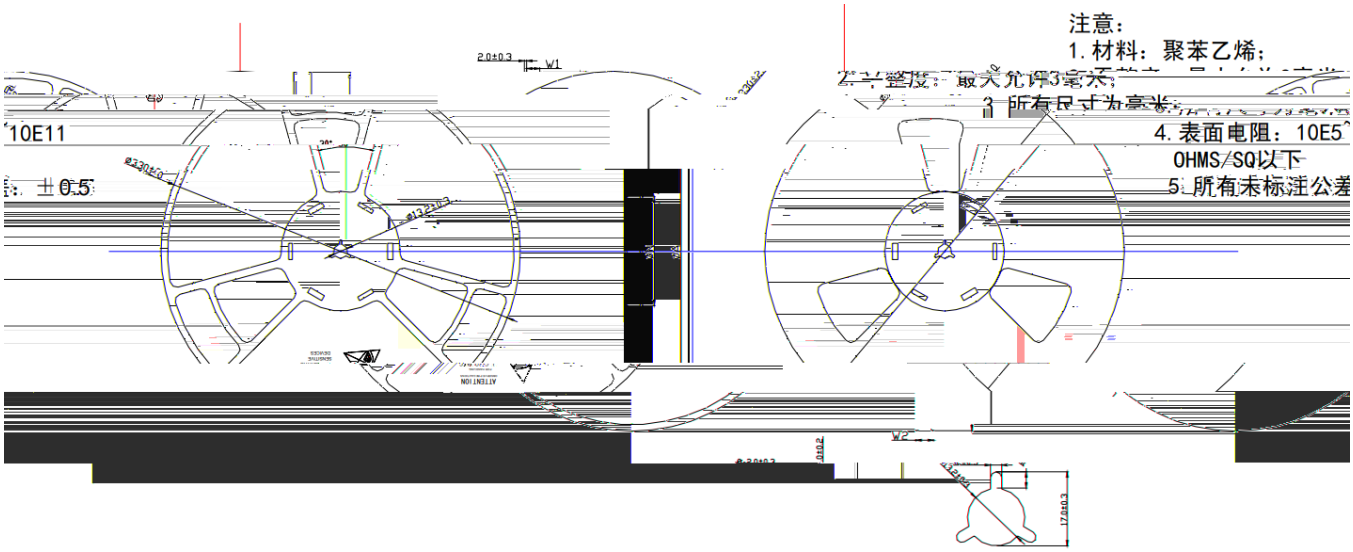


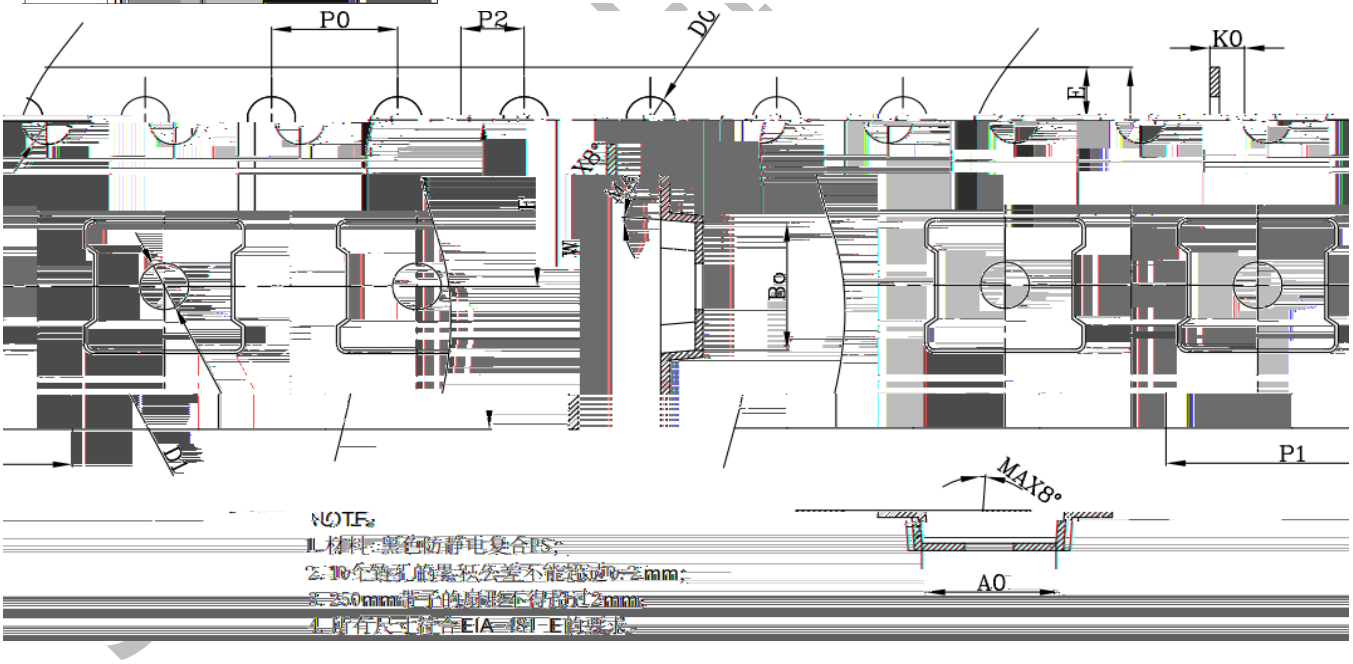
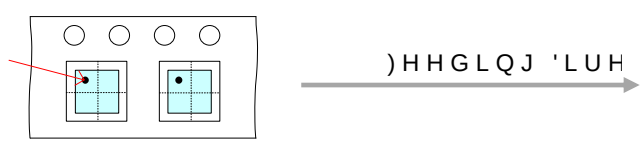
RECOMMENDED LAND PATTERN

NOTE:

1) THE LEAD SIDE IS WETTABLE.
2) ALL DIMENSIONS ARE IN MILLIMETERS.
3) EXPOSED PADDLE SIZE DOES NOT INCLUDE MOLD FLASH.
4) LEAD COPLANARITY SHALL BE 0.08 MILLIMETERS MAX.
5) DRAWING CONFIRMS TO JEDEC MO-220.
6) DRAWING IS NOT TO SCALE.





PRODUCT SPECIFICATIONS				
W2 (Max)	TYPE WIDTH	ØA	ØN	W1 (Min)
19.4	12MM	330±2.0	100±1.0	12.4
23.4	16mm	330±2.0	100±1.0	16.4
31.4	24MM	330±2.0	100±1.0	24.4
39.4	32MM	330±2.0	100±1.0	32.4
100±1.0	44.4	51.4	44MM	330±2.0

SYMBOL	A0	B0	K0	P0	P1	P2
.10	2.00±0.05	SPEC	4.30±0.10	4.30±0.10	1.10±0.10	4.00±0.10	8.00±0
	W	SYMBOL	T	E	F	D0	D1
.10	12.00±0.30	SPEC	0.30±0.05	1.75±0.10	5.50±0.05	1.55±0.05	1.55±0