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PR	5	Qc fc c _ a _ a a dc c a af \ c _ c c _ a a , A ca _ c d f \ e b c \ af \ e d c c a , c c _ a a a _ c b ca fc PR \ , Rfc c _ a _ af \ c fc c c _ a a dc c a \ f NJJ, Gbc ca cb a a \ e cbec * fc c _ bc _ _ a _ c c \ e _ cb dc c a ,
CL	6	C _ c \ ce _ , P \ ef ML * MDD, A _ c a ca cb b ca TG, Rfc _ d c \ b \ bc d TG ELB a ca \ e CL \ a _ _ b fc \ _ ec a f c f b, B d _ ,
TG0	7	G fc a c c , A ca _ f \ ef + _ \ _ a _ _ a a _ _ a d f \ NELB0, J \ cb _ ac a ca c \ bcb TG /,
NELB0	/.	G c _ c e b, A ca c e b, J \ cb _ ac a ca \ c \ bcb NELB /, A ca _ f \ ef + _ \ _ a _ _ a _ _ a d f \ TG0,
QU	//	Pce _ \ af \ e , A ca QU _ c c _ c \ b a ,

RECOMMENDED OPERATING CONDITIONS

M c c _ \ e d c c + _ c c _ c _ e c c fc \ c cb,

T_G	G _ e c _ e c	2,2	6.	T
T_{MSR}	M _ e c _ e c	/	2.	T
R_H	M c _ \ e a \ c c _ c	+2.	/3.	A

ESD RATINGS

T_{CQB}	F _ b K bc &F K * c LQGHCBCA+HQ+. . /+ 0. /2 ca da _ \ * _ \ &	+1	1	T
	Af _ ecb Bc \ ac K bc &ABK * c LQGHCBCA+HQ+. . 0+ 0. /2 ca da _ \ * _ \ &0	+/	/	T

THERMAL INFORMATION

P_{H} &/ &0	H a \ _ \ c fc _ c \ _ ac	R B	A-U
$_{HR}$ &0	H a \ + + af _ _ a c \ _ _ _ c c	R B	
$_{H}$ &0	H a \ + + _ b af _ _ a c \ _ _ _ c c	R B	
P_{HA} &/ &0	H a \ a _ c fc _ c \ _ ac	R B	
P_{H} &0	H a \ + + _ b fc _ c \ _ ac	R B	
$P_{H\ CTK}$ &1	H a \ _ \ c fc _ c \ _ ac &CTK	R B	
$_{HR\ CTK}$ &1	H a \ + + af _ _ a c \ _ _ _ c c &CTK	R B	

&/ QAR \ bc P_H _ b P_{HA} c _ cdc c ac c \ _ c a c c _ c d fc bc ac , P_H _ b P_{HA} _ c _ af _ _ a c a d _ a _ ec c d * d _ fc c c c af _ _ a c \ a af _ fc bc \ e _ b _ d fc \ cb a a \ _ b &NA f \ af fc QAR060/O cb * fc _ _ b c * _ b c c _ c c _ d a , Rfc NA _ b _ fc_ f _ \ bc cb fc c_b d fc QAR060/O, Af _ e e fc bc \ e a de _ d fc NA _ b af _ ec fc cdda c a d fc fc_ \ _ b fc cd c fc _ a _ P_H _ b P_{HA},

&0 Kc_ cb HCQB3/+5*2+_ c NA , Rfc _ c e c \ f _ c _ c _ b d a _ \ f fc _ a _ ec _ b a _ c cb d bc \ e c , Rfc c _ c c c a _ a _ cb \ _ aa b _ ac \ f HCQB3/+5 _ b \ _ cb _ ca dcb HCBCA _ b, Rfc b c c c fc c d _ ac _ cb \ _ a _ _ a _ ,

&1 Kc_ cb QAR _ b _ b CTK 8QAR060/O Bc _ b * M c _ c / _ b \ c _ c . ,3 a c f \ a c *53 43 *2+_ c NA ,

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ELECTRICAL CHARACTERISTICS

T 02T*R +2. A /03 A* a c cb bc 03 A,

T	M c e ec		2,2 6.	T
T STJM	G STJMRf c f b F c c	T e	1,33 2,2 1. .	T T
GFBL	Qf b a c d TG	CL . T	. ,4 0	
G	O c ac a c d TG	CL 1,1T* + af e* MMR+QU 3T		

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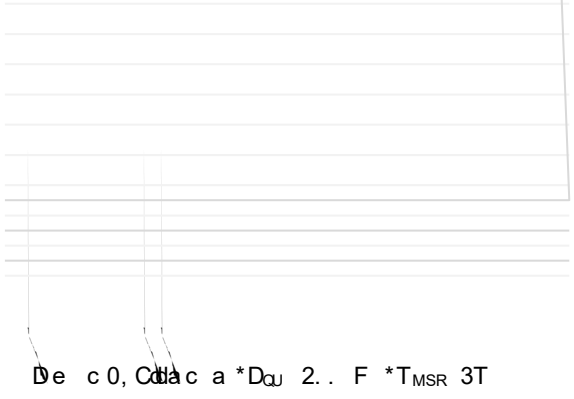
TYPICAL CHARACTERISTICS

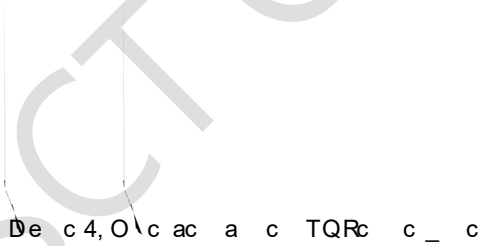


De c 0, Cdda c a *DQU 2. . F *TMSR 3T

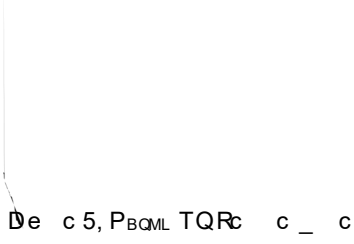
De c 1, Cdda c a *DQU 2. . F *TMSR /0T

De c 2, J _b Pce _\ &TG 26T*TMSR 3T

De c 3, J c Pce _\ &TMSR 3T*GM B 0



De c 4, O\c ac a c TQRc c _ c



De c 5, PBQML TQRc c _ c

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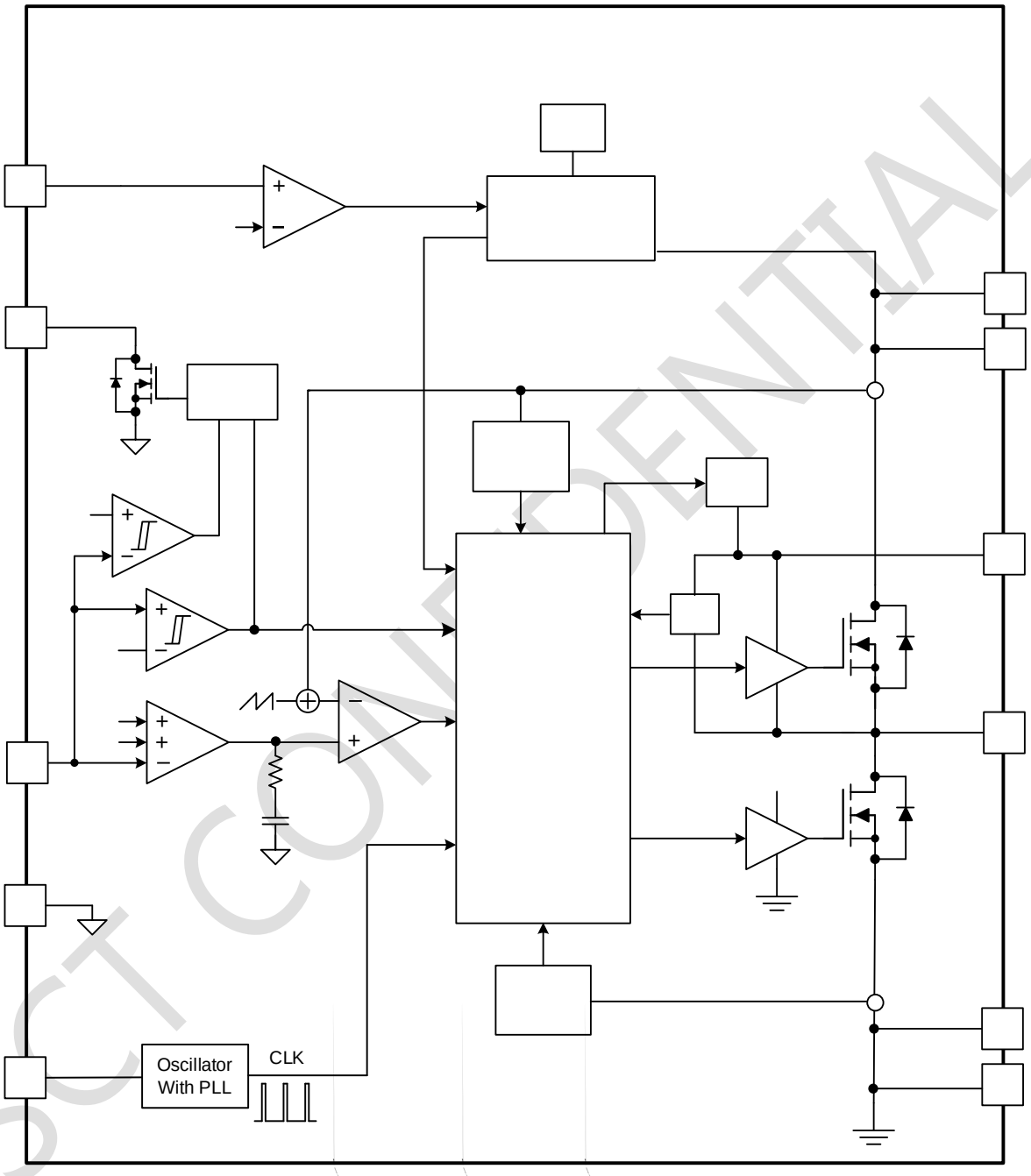
FUNCTIONAL BLOCK DIAGRAM



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OPERATION

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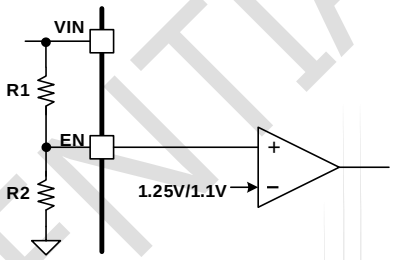
Rfc QAR060/O c _ cb fc fc TG _ec c _ c 1,33T _ b fc CL _ec c acccb fc c _ c f c f b d/,03T, Rfc bc ac b _ cb fc fc TG _ec d_ c 1,03T fc fc CL _ec c /,/T, D fc bc ac c _ f b bc*_ _ _ec c .,44T fc CL , G f b bc* fc c ac a c b .,4 & a_ , _ _ec _ c .,57 _ b c /,03T* fc c _ e a a a c cb * Naf a c _ac _ _ da c ,

Rfc CL _ Nef _ec _ b a_ c cd c d _ e, Rfc c _ c _ c fc c _ d fc QAR060/O a ca fc CL TG, RN _ cd+ _ + d fc QAR060/O fc TG N fc c _ e _ ec,

D _ Nefc c STJM f c f b*a ca _ c c _ c b bc &P/ _ b P0 f De c 7 d TG CL, Rfc STJM e _ b d_ e f c f b a_ c a_a _cb C _ / _ b C _ 0 c ca c ,



U fc c8

T c e f c f b dT STJM

Td_ d_ e f c f b dT STJM

De c 7, Q c STJM c _ cb bc

Rfc QAR060/O ce _c fc c _ cdc c ac _ec _ /T f / c _ ac c fc c _ e c c _ c _ b _ec _ ec, Rfc _ec c _ c b bc d fc bc fc D , G ca c bcb c / c _ ac c c c , S c C _ 1 a_a _c c _ ac d c b bc , R c cdda c a _ Nef _b * _ ec _ c c _ c ca c bcb, F c c *d fc _ c _ c Nef* fc

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D da_ *af c_ a_ _a f_ PKQa c _ e e c_c f_ f_d d fc _ _b a c ,

U f c c ca e ac _ a a_ _a * ccb a bc fc cdca c _ c d_ a_ _a bca c_ e _ fc BA _ _ec _a _a_ _a a c_ e,

Rfc a_ _a _ ac _ c bc c c fc c _ec d fc ce _ , Rfc _ec c a_ c a_a _cb e C _ /1 _ b fc _ _ec c aa _ 3. b a ac,

$$M \quad \frac{M}{M} \quad \frac{M}{M} \qquad \&1$$

D f c _ c* 2,5 D*V5P ac _ a a_ _a _cb d /. . T _ _ c _ c cb, b _ . ,/ D d f ef+ dc c a d c e a_ _a _acb _ a c _ c fc bc ac ,

. ,/ D ac _ a a_ _a c a ca cb c cc MMR _ b QU d c c _ , ac _ a a_ _a f V3P c c e _bc b c ca a ca c bcb, Rfc a_ _a f b f_ c _ /. T f ef c _ec _ e,

Rfc c ca d a_ _a _dca _ec c c_b _c _ b _b _ c c d _ ac,

Rfc c c c _ a cb d _ , M c a_ cb fc b a a c c e e f ef fc C _ c Qc c Pc _ ac CQP d fc a_ _a _ b fc fc a_ cb fc b a a c c af _ e e _ b b af _ e e fc a_ _a , R _af c c _ _ec c*af c _ +CQP a_ _a c ac _ a a_ _a , D ac _ a a_ _a * fc a_ _a _ac b _c fc c, D da_ *fc _ec c a_ c c _cb C _ /2 bc cb,

$$M \qquad \&2$$

U f c c8

M fc _ec c,
dDU fc af e dc c a ,
J fc b a _ ac d b a ,
AMSR fc a_ _a _ ac,
TMSR fc _ec,
TG fc _ec,

SCT CONFIDENTIAL

B c a_ _a bce _b e bc BA _ * f c _ _ec a_ \e da_ cb ac a_ _a _ ac, Ac _ \a
a_ _a a_ c d f c a_ _a _ ac _ _cb _ec, Rf c cd c* c_ c _e f c _ec _ \ e
c c _bc _c cdca c a_ _a _ ac, R \a_ * 00 Dac _ \a a_ _a d _ \a_ ,

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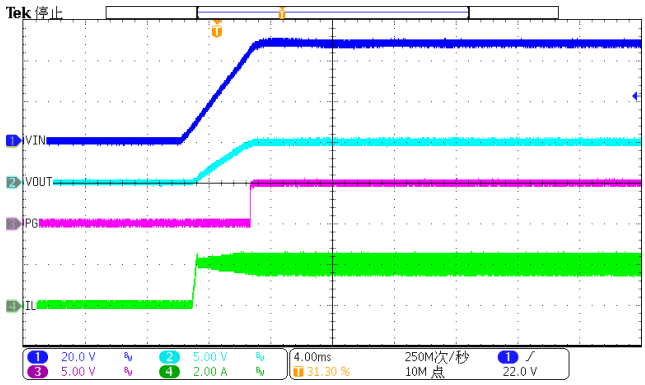
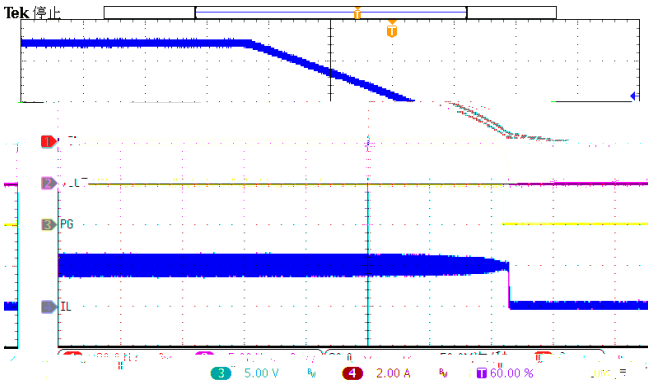
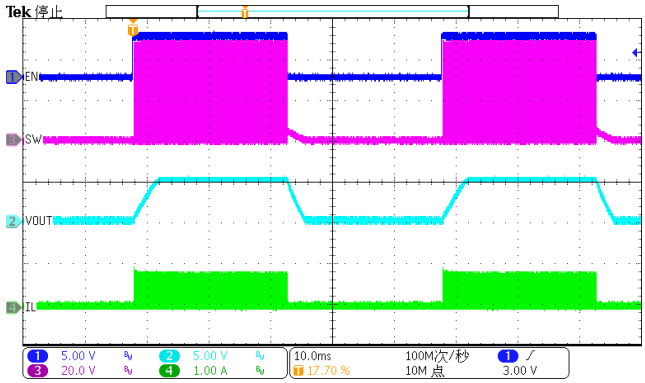
T6 26T*TMSR 3T*DQU 2.. * c fc \ c cb



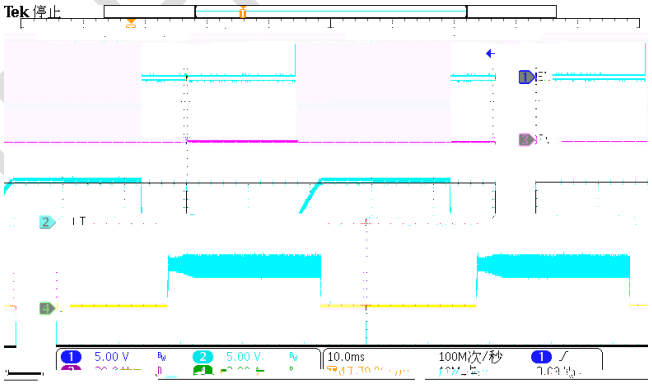
De c /0, N c &GM B 0



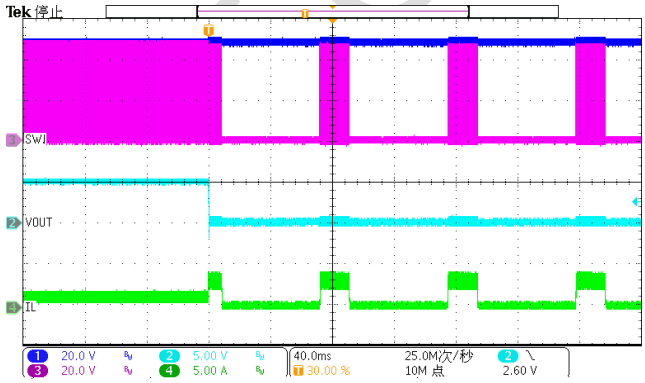
De c /1, N c b &GM B 0



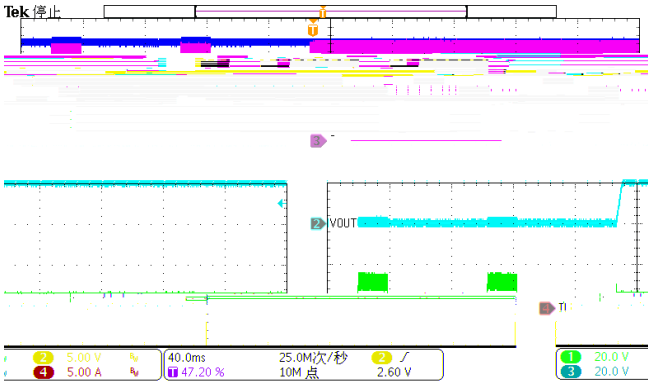
De c /2, CL ee c &GM B . ,/



De c /3, CL ee c &GM B 0

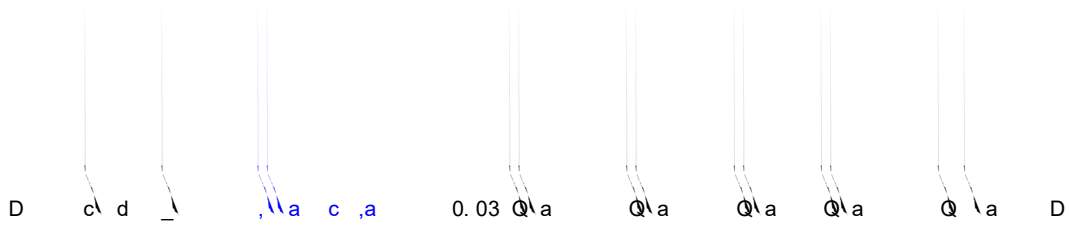


De c /4, M c A c N ca \ & f_b f



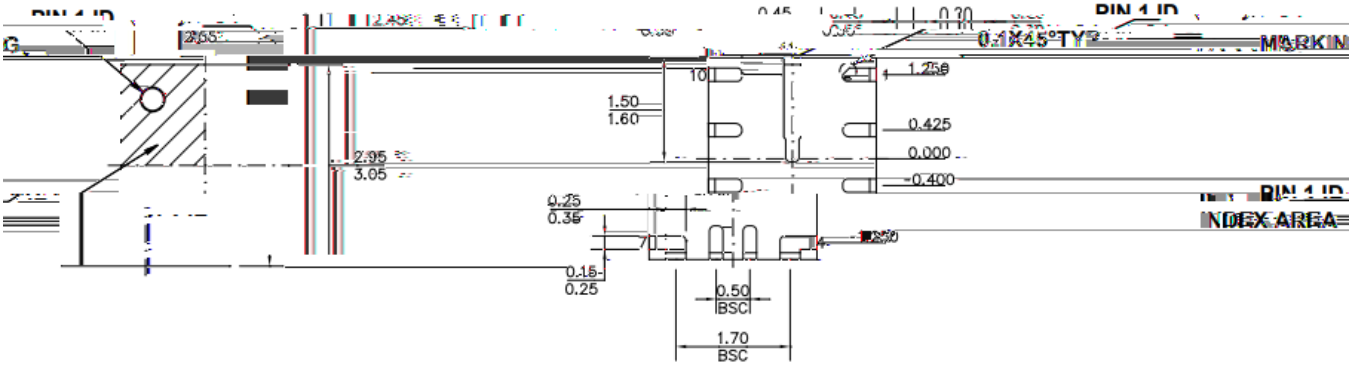
De c /5, M c A c Pc c_ c &_b f /

SCT CONFIDENTIAL

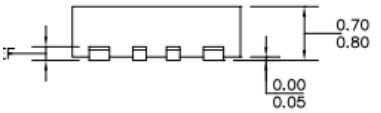


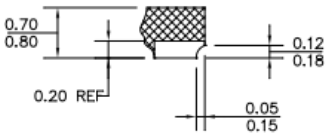
S

PACKAGE INFORMATION

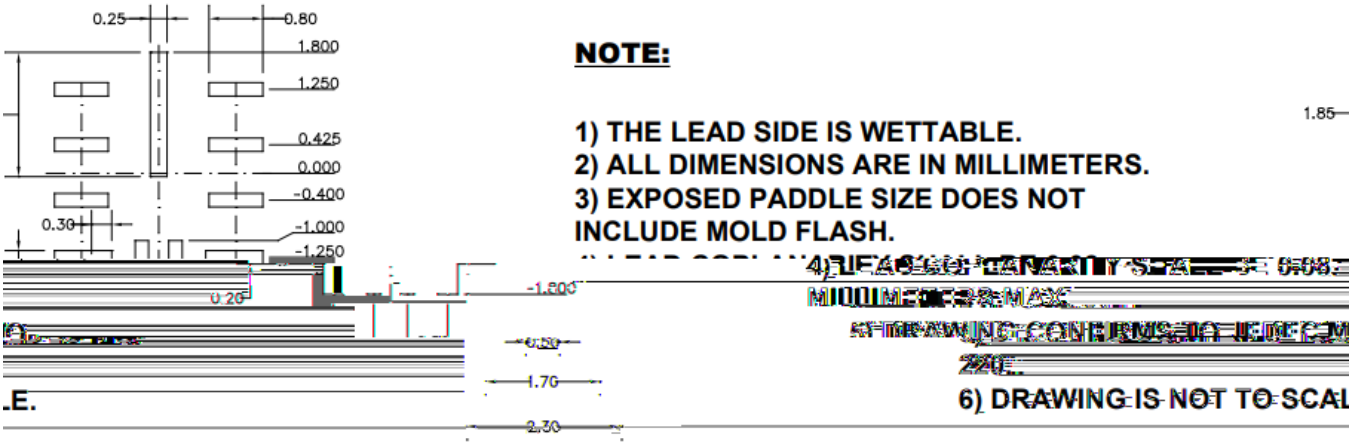


TOP VIEW **BOTTOM VIEW**





SIDE VIEW **SECTION A-A**

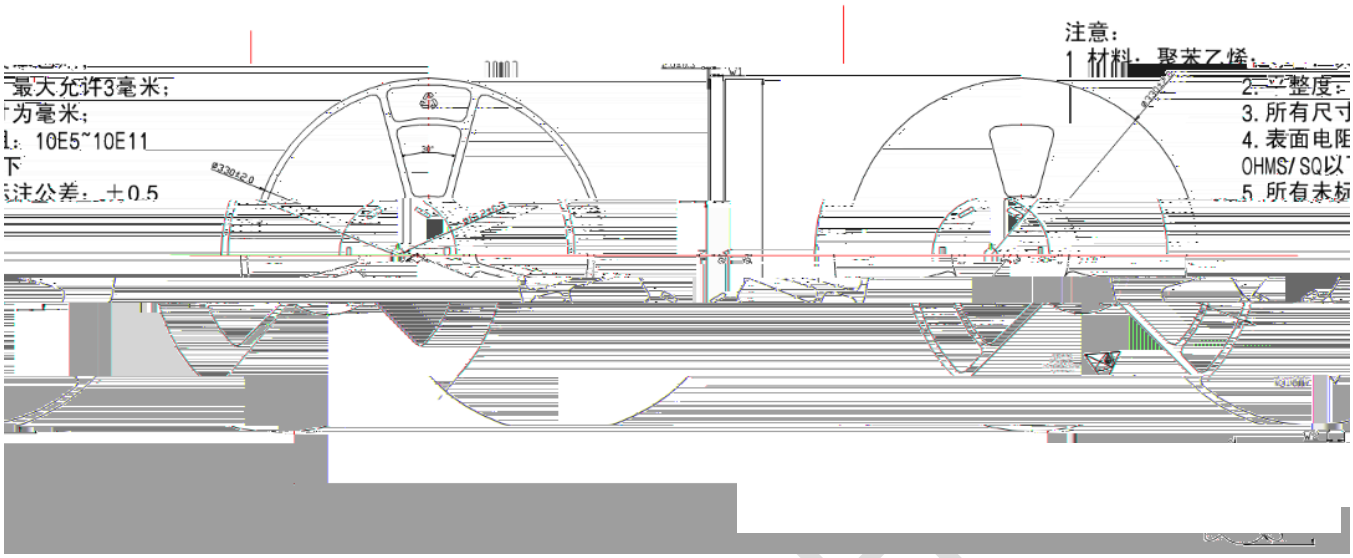


NOTE:

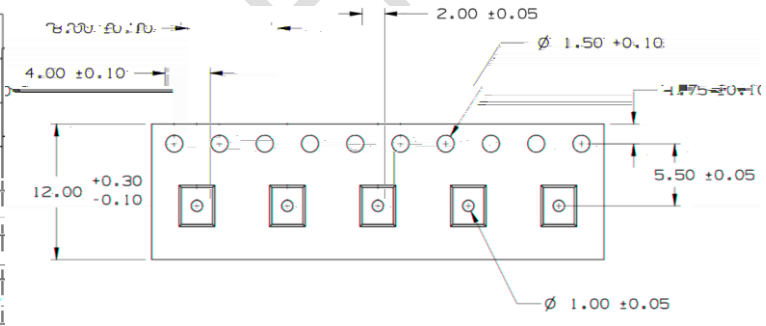
1) THE LEAD SIDE IS WETTABLE.
2) ALL DIMENSIONS ARE IN MILLIMETERS.
3) EXPOSED PADDLE SIZE DOES NOT INCLUDE MOLD FLASH.
6) DRAWING IS NOT TO SCAL

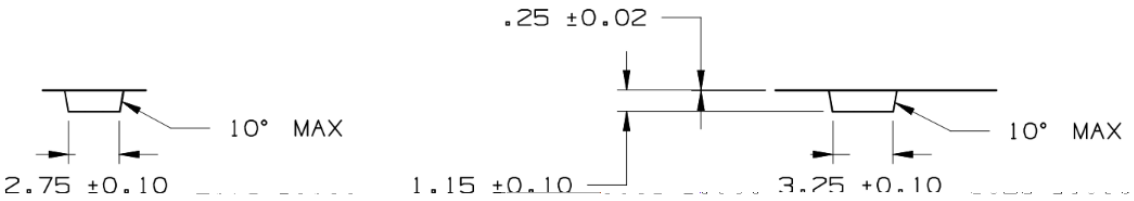
RECOMMENDED LAND PATTERN

TAPE AND REEL INFORMATION



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





A_o K_o B_o