

REVISION HISTORY

EFK 1GX el dYij fi gi mfl j i mj fej dXp i ifd gX el dYij ek_ Zii ek mij fe
l mj fe (%l cXj kf DXb k

DEVICE ORDER INFORMATION

J: K) () =k8l	KXg l c	*	) ()	/	=: KH=E(%O) / C	(
J: K) () KK9l	KXg l c	*	) ()	/	=: JFK) * / C	(

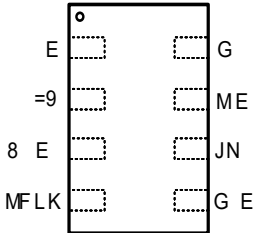
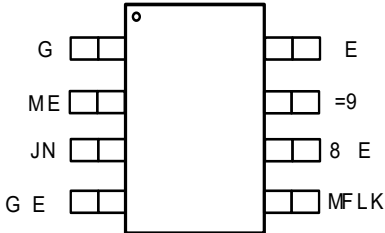
ABSOLUTE MAXIMUM RATING

Fmifg iXke i Xik dg iXli lecjjfk in j efk (

ME# E#G #MFLK#JN #9	%	-	M
Fg iXke aeZkfekdg iXli KA)	+	(,	:
JkfiX k dg iXli Kjk	-,	(,	:

(Jkijj jYpfe kfj cjk le i8Yfδk DXodld lXke dXp Zl j mZ gidXe ek XdX %K_ mZ j efk lXk ek kf
leZkfe flkj f kj l Zdd e Fg iXkfe: fe kfej %
) K_ : eZδ jfmik dg iXli gifk Zkfe kf gifk Zk_ mZ lie fmiδX Zfe kfej %aeZkfekdg iXli n oZ (, : n_e
fmik dg iXli gifk Zkfe j XZkm % fekelfl j fg iXkfe XYfm k_ jg Z dXodld fg iXke aeZkfekdg iXli n ei lZ
c kd %

PIN CONFIGURATION

 KfgM n1=: KH=E(%O) / C#GxjkZ	 KfgM n1=: JFK) * / C#GxjkZ
--	--

PIN FUNCTIONS

E	(	/	eXYc d Z egl k% fee Zk_ _kf eXYc mZ %
=9	)	.	emike egl kf k_ iifi Xd gc i% fee ZkXnf dX m i ifd k flkl kf k j ge kf j kflkl knf dX %
8 E	*	-	8eXf ifle ge%
MF LK	+	,	Flkl kGeXe jZ_Xi ge%
G E	,	+	Gfn i ifle ge%
JN	-	*	Jn kZ_ flkl k%JN j imel g kf ME kifl _k_ _j gfn i DFJ= K lie fekd %K_ elZfi Zii ek imj JN kf e Xkm nf dX kifl _ dn j gfn i DFJ= K lie f kd %
ME	.	)	Gfn i jlgg egl kg e%
G	/	(	Gfn i ff e Zkf i%K_ flkl kf G j Xefg e iXek_Xk Zfee Zj kf ME mX Xe ek ieXcgl cl gi j j kf i%G f j _ k_ flkl knf dX j n k_e (f k_ efd eXcnf dX %

RECOMMENDED OPERATING CONDITIONS

Fmifg iXke i Xik dgiXli iXe lecjjfk_inj efk

M _E	egl knf &X iXe	) %	, %	M
M _{FLK}	Fl kgl knf &X iXe	%	,	M
K _A	Fg iXke d eZkfek dg iXli	+	(),	:

ESD RATINGS

M _J	ldXe9f pDf c 9D #g i8EJ A : AJ () (+ jg Z Zkfe#Xcgej (	)	)	bM
	: _Xi mZ Df c: D #g i8EJ A : AJ)) (+jg Z Zkfe#Xcgej)	(	(	bM

(9D Xe : Djk jje Xi fe eXZfi XeZ nk_k_8EJ &J 8&A : AJ () (+jg Z Zkfe

THERMAL INFORMATION

I _{AB}	Al eZkfekf XdY ekk_id Xci j jkXeZ (	0(%	

ELECTRICAL CHARACTERISTICS

ME4, M#K4 + : u(), : #pgZXmXd j Xi kjk l e i), : %

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ME	Fg iXke egl krf dX		) % , %	M
MEVLMCF	egl kLMCF pjk i j j	ME i j e	) %) %,)	M dM
J	J_l k fneZ ii ek		% ,) %	l 8
H	HI jZ ekZ ii ek ifd ME	ef dX #ef jn kZ_e	*) +	l 8
M=9	l i eZ nf dX f =9	Ka4), :	%0+ % % -	M
=9	=9 ge cXbX Z ii ek		/	e8

l J	_j jn kZ_fei j jkXeZ		/ ()	d
l cJ	Cfn j jn kZ_fei j jkXeZ		, ,	d
CD J	_j g XbZ ii ekcd k		) %) *% *%/	8
CDcJ	Cfn j g XbZ ii ekcd k		) % *	8
CDvCJ E	CJ e Xkm Z ii ekcd k	=ifd iXekf jfliZ	(%	8

KJJ	Jf kjkXkK d		(%	d J
-----	-------------	--	-----	-----

EN & PG

ME	_cm cK_i j_fc nf dX		(%	M
MEC	Cfn cm cK_i j_fc nf dX		%	M
l E	E Gl c fnei j jkXeZ		(%*	D
l J	Fl kgl k jZ_Xi i j jkXeZ		) +	
MG KC	Gfn i ff Cfn i K_i j_fc nf dX	=9 i e j e l i eZ kf M=9	0(	
		=9 Xce l i eZ kf M=9	/ -	
MG K	Gfn i ff Lgg i K_i j_fc nf dX	=9 i e j e l i eZ kf M=9	(()	
		=9 Xce l i eZ kf M=9	(.	
G VJ EB	Gfn i ff J eb: l i i ek : XgXYdp	MG 4 %M	(	d 8
l G	Gfn i ff ek i eXcG cl g i j j k f i		, ,	B
KG	Gfn i ff d p		(	l J

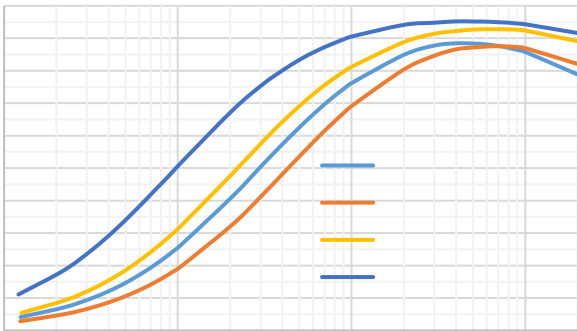
=JN	Jn kZ_e i hl eZp	Me4, M#Mf l k4(%M# : D	)	D q
kEVD E	D ed l d f e k d (		-	ej
k==VD E	D ed l d f k d (		(	ej

KJ	K_id Xcj_l k fne k_i j_fc (		(-	:
	pjk i j j (		)	:

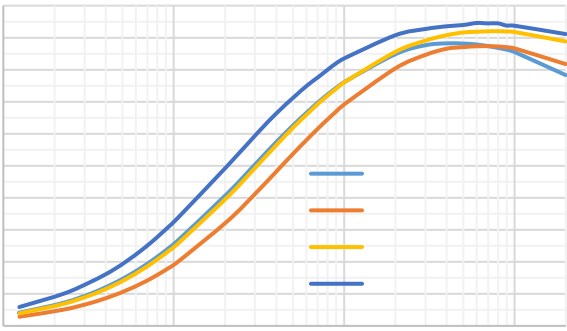
Efk j1

(l XiXek Yp jXd gc Z_XiXZk i qXkf e%Efkk jk e gif l Zkf e%

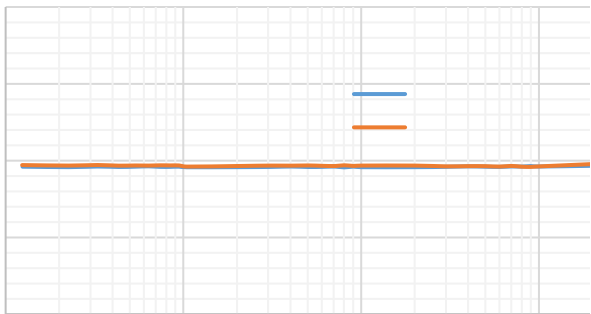
TYPICAL CHARACTERISTICS



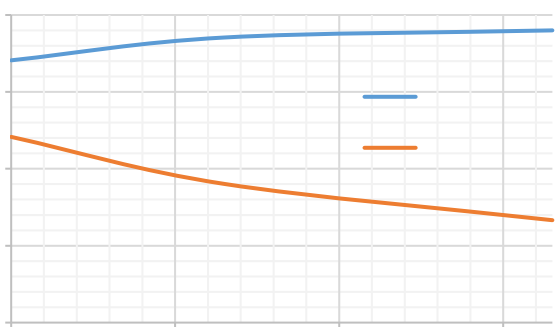
= Ii (% Z eZp nj Cf X : Iii ek fi =K8l



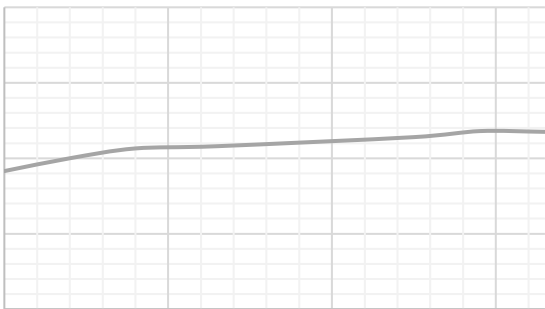
= Ii) % Z eZp nj Cf X : Iii ek fi KK9l



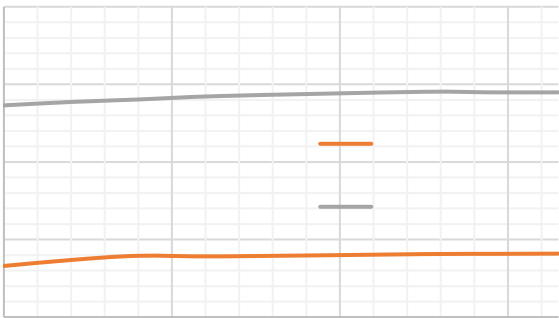
= Ii * % Cf X l l kfe



= Ii + % Iii ek od knj K dg iXli

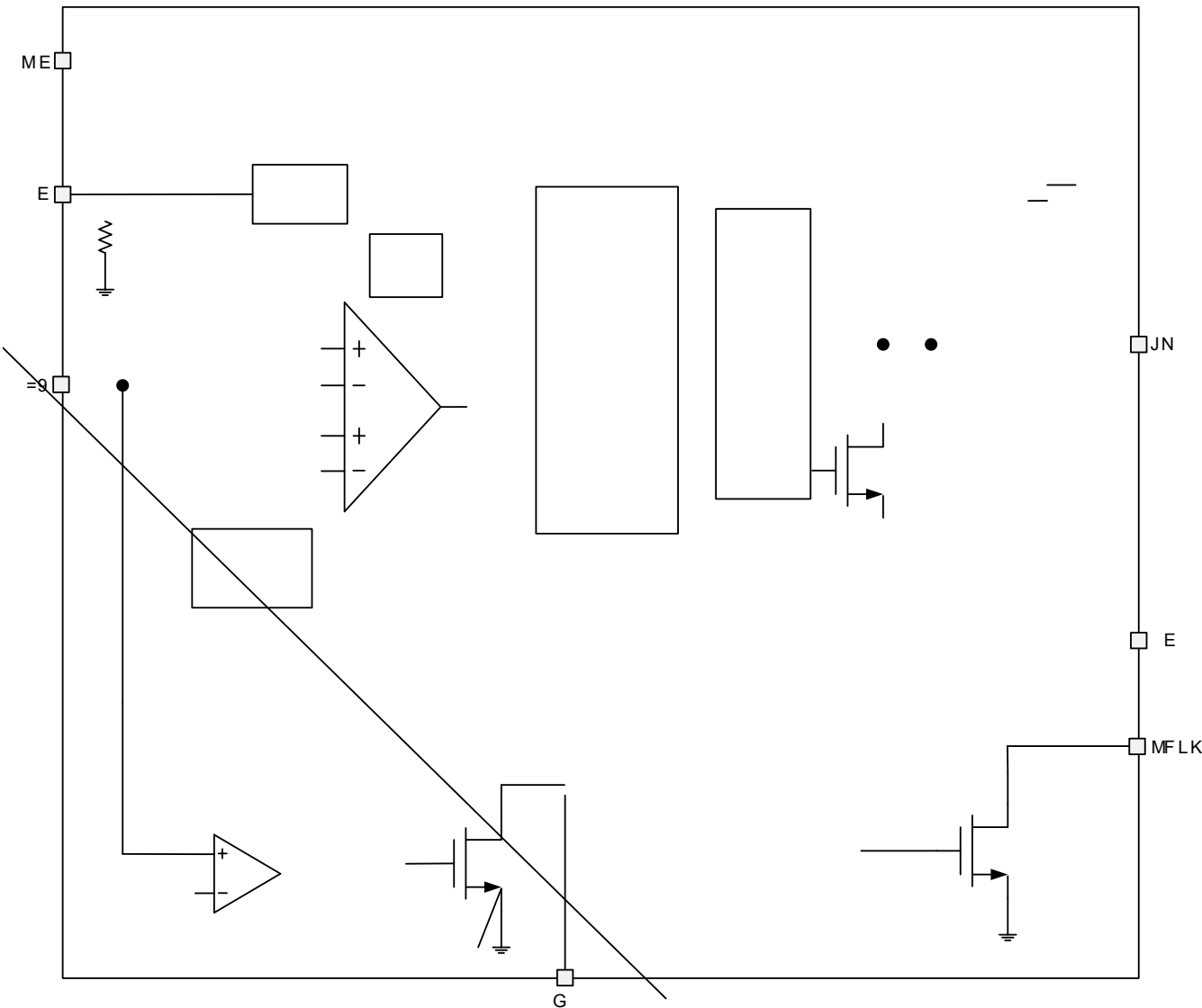


= Ii , % M=9 nj K dg iXli



= Ii - % L MCF nj K dg iXli

FUNCTIONAL BLOCK DIAGRAM



OPERATION

K_ J: K()) j X) %M, %M egl k# 8 fl kgl k# peZ_ if efl j Y Zb Zf em i k i n k_ Y & e/ d _ _ j Xe , d
dn j gfn i DFJ= Kj %k dgc d ekj Zfej kXekfekd Zfek fck i l & k fl kgl knf &X #gifm e oZ & ek
ce Xe dX kiXej eki jgfej %

K_ mZ fg iXk j e=fiZ gl q n k_df l & k f e d f Xkc _k dX e kf Cfn fl kgl ki ggc g i fid XeZ %K_
hl jZ ekZ ii ek j lpg ZX & *) l8 l e i e f dX %K_ J: K()) Xli j Xe ek ieXc(%dj j f k j kXk k d kf Xnf
& i eil j _Z ii ekXe fl kgl knf &X fmij _ffk l i e j kX k g %K_ J: K()) _Xj X Xl & egl k j kX k l gnf &X
f) %Mn k_) dM _p j k i j j %

K_ J: K()) mZ j) % , %M egl k# 8 fl kgl k# peZ_ if efl j j k g f n e Zf em i k i j n k_ ek ieXc gfn i DFJ= Kj %
: fejkXekfekd : FK Zfek f c j d g d p kf gifm Xj k kXej eki jgfej Xe Xjp d f g j kX Y & X k f e % & k k_
Y e e e f XZ_ ZpZc #k_ _ _ j DFJ= K j k i e f e f i X o f e j _ f k k d F E k d g i f %K_ f e j _ f k
k d j Z X & i & k _ Y p k _ Zf em i k i j egl knf &X M E X e k _ f l kgl knf &X M F L K ZpZc Yp ZpZc YXj kf
d X e k X e X g j l f o i h l e Zp f m i k _ egl knf &X i X e _ & l : K()) k i e j f _ _ j DFJ= K X k i k_
o f e k d X e k i e j f e k _ dn j DFJ= K & l : K()) k i e j f k _ dn j DFJ= K f e Z k _ f l kgl knf &X
i f g g Y dn k _ f l kgl k i l & k f e #k_ f e j _ f k k d i k _ e i j k X e k _ _ _ j DFJ= K j k i e f e X X e %
K_ f e k d j e m i j p g i f g f i k f e X d f k _ egl knf &X X e g i f g f i k f e X d f k _ f l kgl knf &X %k Z X e Y Z X & i & k
l j e k _ f & n e h l X k f e (1

N _ i 1

M = L K j k _ f l kgl knf &X %
M E j k _ egl knf &X %
= J N j k _ j n k Z _ e i h l e Zp %

8 k i X e F E k d g i f #k_ i l & k f i f j e k k _ F == k d g i f %K_ F == k d g i f c e k _ g e j f e M = 9
e d f j k Z X j j % k n & e n _ e k _ = 9 n f &X Z X j j Y dn %M #X k n _ Z _ g f e k k _ F E k d g i f j k i i %
k _ F == k d g i f j c j j k _ X e k _ d e d l d F == k d #k_ d e d l d F == k d n & Y X g g c #n _ Z _ j X i f l e
(e j l p g Z X & %

K_ J: K()) _Xj X(l p ZpZc d f %N _ e k _ egl knf &X i X l X & X g g i f X Z _ j k _ f l kgl knf &X #k_
l p ZpZc j & i X e i X Z _ j k _ d e d l d k i e f k d (e J #k_ j n k Z _ e i h l e Zp f k _ f l kgl knf &X
Y e j k f Z X j %N _ e k _ egl knf &X i f g j k f k _ j X d c m c X j k _ f l kgl knf &X #k_ _ _ j DFJ= K
i d X e j Z f e j k X e k f e %

K_ J: K()) i l & k j k _ ek ieXci i eZ n f &X Xk %M %K_ fl kgl knf &X j j k Y p X i j j k f i m i i f d
k _ f l kgl k e f k f k _ = 9 g e % k j i Z f d d e k f l j (k f c i X e Z f i Y k i i j j k f i j % l j h l X k f e) k f Z X & i & k
i j j k X e Z f i j j k f i m i j % k f d g i f m Z e Zp X k c _ k d X j # & i n X & i j j k f i j X i i Z f d d e %
f n m i # k _ m X & j X i k f f _ _ #k_ i l & k f i n & Y d f i j l j Z g k Y c k f e f j X Z k e f l kgl knf &X X Z Z i X Zp %

(— 1))

N _ i 1

M_{FLK} j k_ fl kgl kmf &X %
M = j k_ i i eZ nf &X %
l =9K j k_ i j j kfi Zf ee Zke k_ fl kgl klf k_ =9 ge%
l =99 j k_ i j j kfi Zf ee Zke k_ =9 ge klf k_ ifle %

K_ J: K() Le iMf &X Of ZbFlk LMF Xi &jkXiW gk_i j_fc j kpg ZXc) %Mn k_ME i j e Xe j_lk fne
k_i j_fc j) %Mn k_ME Xce %

E j X kXcZfekifcgek_XkZXekiek_i l &XifeXe f %N_e E j gl & Y dn k_ Xce k_i j_fc nf &X
%M #k_ Z_gj_lkj fne%fiZ E XYfm kj i j e k_i j_fc nf &X (%M kfkiek_ gXkfe%&Xm E &Xke
fi gl &k fne klf ifle klf jXYc k_ J: K() %K_i j Xe ekieXc(%*D i j j kfi Zf ee Zk ifd k_ E ge
klf ifle %N_ek_ mZ j jXYc #k_ gXikXkfdXkZX& f j ekf fl kgl k jZ_Xi df #Xe kj ekieXc
jZ_Xi DFJ= Kgifm j Xi j jkm jZ_Xi gXk fik_ fl kgl kZXgXZkfi

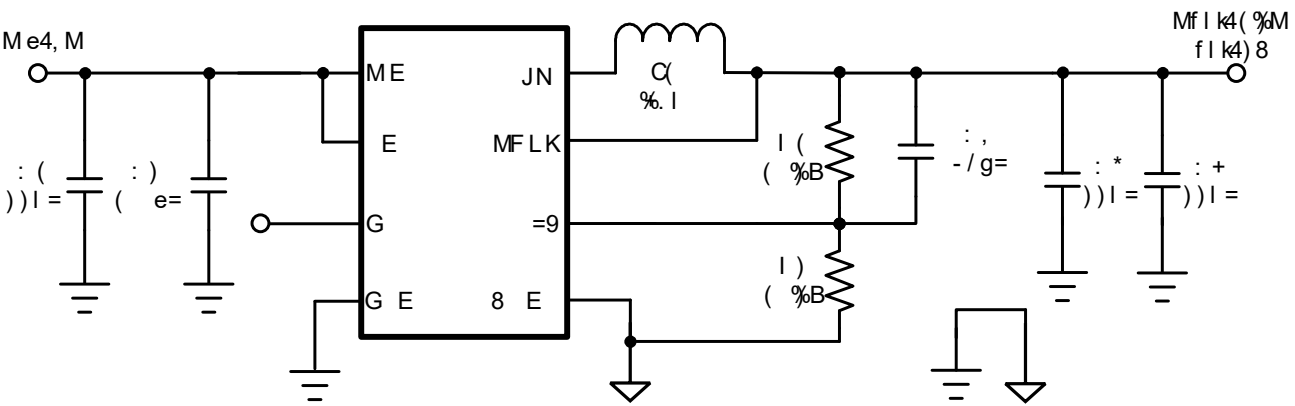
K_ J: K() _Xj XY c e j f kjkXikk_XkiXd gj l gk_ fl kgl kmf &X e XZfekif& jcn iXk Xnf e fmij_ffk
XkjXikW g%K_ jf kjkXikkd j XYflk(%d j kpg ZX&%

e XZ_jn kZ_e ZpZc #k_ e l Zkfi Zii ek j j ej Ypdfekfie k_ _ _j DFJ= K lie k_ FEg if
Xe k_ dn j DFJ= K lie k_ F==g if %N_ek_ e l Zkfi Zii ek C i XZ_jk_ _ _j DFJ= K
g XbZii ekid k kpgZX&*%8 lie k_ FEg if #k_ _ _j DFJ= K j fiZ f dd Xk &kf gi mek
k_ Zii ekifd i j e lik_i %K_ek_ dn j DFJ= K kiej fe#Xe jkXpj felekC ifgj Y dn k_ dn j
DFJ= K

k_Xei i eZ mf %K_ mZ okj_kji l %kfeg if n_ek_ YXZb mf %X Xaj Y dn (. f k_
i i eZ mf %

FeZ k_ d eZkfe k dg i %i e k_ J: K)() oZ j (- °: #k_ k_ id Xcj ej e ZiZi kjkf gj Zf em ik i
jn kZ_e Xe i jk %kj n k_k_ d eZkfe k dg i %i Xce Y dn (+ °: %K_ id Xcj_l k f n e gi m ekj k_ Xd X
fe mZ lie oZ jjm _ %Xe gfn i jj g %kfe Zfe kfe%

APPLICATION INFORMATION



egl kMf dX	, MEfid Xc) %Mkf , %dM
F l kgl kMf dX	(%dM
DXo d l d F l kgl k: l i i ek	) 8
Jn kZ_e =i hl eZp	) D q
F l kgl kmf dX i ggc g Xb kf g Xb	) d M
KiXe j ekl jgf ej %8 kf (%8 d X jk g	Mf l k4, d M

K_ fl kgl knf &X j j k Yp Xe okieXci j j kfi m i
 l (Xe l) e lpg ZXc XggcZXkfe jZ_d XkZ%
 l Zf d d e l) i j j kXeZ j (%B %Lj hl Xkfe
 * kf ZXq d k l (%

(% M	(% B	(% B
(% M	) B	(% B
) % M	*) % B	(% B
* % M	+ - % B	(% B

1 (— 1) 2 *

n_ i 1

M = j k_ YXZbi i eZ nf &X #pg ZXc
 %M

K_ i Xi j miXc XZfij j flc Y Zfej i ej cZke e l Zfi j l Z_ Xj e l ZkXeZ #j Xi Xkfe Zii ek#k_
 l DJ Zii ekXe : i j j kXeZ : l %CX i e l ZkXeZ i j l &j ecj j e l Zfi Zii ekiggc Xe k_ i fi cX j
 kf &n i fl kgl knf &X iggc % fn mi#k_ &i mXt e l Zfi Xa Xpj Zii jgfe j kf XY i g_pj ZXcj q #
 _ _ i j i j i j j kXeZ #Xe &n i j Xi Xkfe Zii ek%8 ff ilc fi kid ee k_ e l ZkXeZ kf l j j kf X&n
 k_ e l Zfi g Xb kf g Xbiggc Zii ekkf Y Xggifod Xk & (u+ f k_ d Xod l d fl kgl kZii ek%

K_ g Xb kf g Xbiggc Zii ekek_ e l Zfi &gg ZXe Y ZXq d k Xj e hl Xkfe+%

(-)

+

N_ i 1

&gg j k_ e l Zfi g Xb kf g Xb Zii ek%
 C j k_ e l ZkXeZ f e l Zfi %
 =JN j k_ jn kZ_e i hl eZp%

I DJ Zii ek Xgf efk Y oZ %K_ i fi #k_ g Xb jn kZ_e Zii ek f e l Zfi# OG 8B Xe a DJ ZXe Y ZXZl Xk Xj e hl Xkfe- Xe hl Xkfe. %

$$\sqrt{()^2 \frac{1}{12} ()^2}$$

N_ i 1

OG 8B j k_ e l Zfi g Xb Zii ek%
FLK j k_ : f X Zii ek%
OG j k_ e l Zfi g Xb kf g Xb Zii ek%
a DJ j k_ e l Zfi l DJ Zii ek%

efmi f X e fi f X ki Xej ek Zfe kfej #k_ e l Zfi g Xb Zii ek ZXe eZi Xj l g kf k_ jn kZ_ Zii ek cd kf k_ mZ n_ Z_ j kpg ZXp *%8%K_ dfjk Zfej imXm Xggif XZ_ j kf Z_ffj Xe e l Zfi n k_ Xj Xki Xkfe Zii ek iXke i Xk i k_Xe *%8%0 ZXj f k_ d Xodld OG 8B cd k Yp mZ #k_ d Xodld fl kgl kZii ekk_Xk k_ J: K)() ZXe ami Xgf g e j fek_ e l Zfi Zii eki ggc %K_ j #k_ d Xodld ji fl kgl kZii ek Xgf X Zj k_ j c Zkfe f e l ZXe Z %K_ j d Xci e l Zfi i j l Xj e X i e l Zfi Zii eki ggc c X e kf Xfn i d Xodld fl kgl kZii ek%

K_ egl kZii ek kf k_ j k g fne : : Zfemiki j j Zfekel fl j #k_ i fi ki hli j XZXgXZkfi kf j l gg p k_ 8: Zii ek kf k_ j k g fne : : Zfemikin_ c d Xek Xee k_ : egl knf X %Lj ZXgXZkfi jn k_ fn JI fi Y k i g i f i d Xe Z % iXd ZZXgXZkfi jn k_ O, l fi O. l c Zi Zj Xi l j l Xp j l jk Y ZXj f k_ i fn JI Xe j d Xck d g i X i Zf Z ekj #Xe k j j kfe p i Z f d d e kf l j Xef k_ i fn imXt ZXgXZkfi %% %l = n k_ j d XcgXZbX j q - * kf X i _ _ i hl eZp jn kZ_e ef j %GdZ k_ j d Xcj q ZXgXZkfi Xj Zf j kf ME Xe E ge j Xj gf j j Yc %

K_ nf X iXke f k_ egl kZXgXZkfi d l j kY i Xk i k_Xe k_ d Xodld egl knf X %8e k_ ZXgXZkfi d l j k Xgf _Xm Xi ggc Zii ekiXke i Xk i k_Xe k_ d Xodld egl kZii eki ggc %K_ l DJ Zii ek e k_ egl k ZXgXZkfi ZXe Y ZXZl Xk l j e hl Xkfe / %

$$\sqrt{ \quad (1 \quad) } \quad /$$

K_ nf i j kZXj Zfe kf ef Z i j XkME4) M_FLK#n_ i 1

$$\frac{\quad}{2} \quad 0$$

N_ i 1

: E l DJ j k_ l DJ Zii ek e k_ egl kZXgXZkfi %
FLK j k_ : f X Zii ek%
M_FLK j k_ fl kgl knf X %
ME d Xj k_ d Xodld egl knf X %

=fi j d gc ZXkfe#Z_ffj Xe egl kZXgXZkfi n k_ Xe l DJ Zii ekiXke i Xk i k_Xe _Xc f k_ d Xodld f X Zii ek%

N_ ej cZe Z iXd ZZXgXZkfi #ke j kf Zfej i k_ Zkm mXt f XZXgXZkfi Z Xj e Xj k_ : YXj nf X ZXf j j XZXgXZkfi eZi Xj e %

K_ egl kZgXZkXeZ mXd kid e j k_ egl ki ggc mf dX f k_ i l d fi %K_ egl knf dX i ggc ZXe Y
ZXd dX l je hl Xkfe(Xe k_ dXo dld egl knf dX i ggc fZi j Xk, l p ZpZc %

————— (1 ———) (

N_ i 1

j k_ egl knf dX i ggc %

=JN j k_ jn kZ_e i hl eZp%

: E j k_ k m g egl kZgXZkXeZ %

, k_ 0)*H H D0% % F.L.C j dXe fl kgl knf dX : % d %e @ (L J -9 () h0% N @9K&+(K(H+(0))i H / *e9K&+(0)g U KQ+ -*(d % %9 (+)- %A(

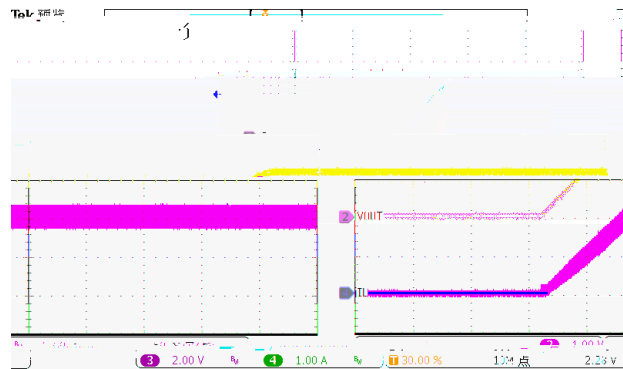
M E j k_ egl knf dX %

=fi k_j oXd gc #(=#O. l Z iXd Z ZgXZkfi j iXk fi (M e gX Xc cX l j %8 e X % = fi _ _ i hl eZp
d ie ZgXZkfi j g dZ Xj Z d j Xj gf j j Yc k f k_ mZ ge j %

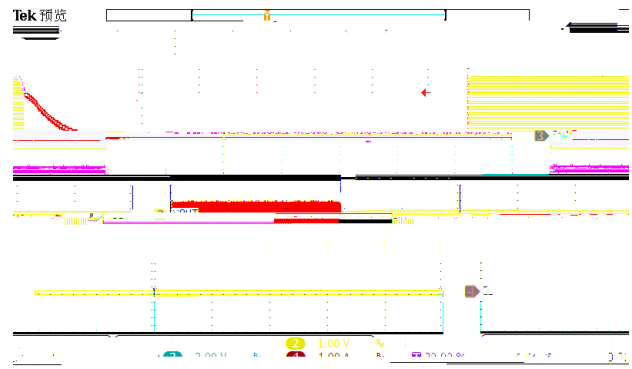
K_ j cZkfe f fl kgl kZgXZkfi n dX Zk fl kgl knf dX ifgjd g d f k k l k r f dX Xei g g k Z Xk e l g g j d i g g eZ %

K_ fl kgl ki ggc j j j ekX d Z d g f j f knf gX k j %F e j Z X j Yp k_ e l Z f i Z i i eki ggc f e k i f l _
k_ hl mXc ekJ i j l j j kXeZ J l f k_ fl kgl kZgXZkfi j Xe k_ f k_ i j Z X j Yp k_ e l Z f i Z i i eki ggc
Z_Xi e Xe j Z_Xi e k_ fl kgl kZgXZkfi j %k f XZ_ m j d Xc fl kgl knf dX i ggc #Z_ f f j X d n J l fl kgl k
ZgXZkfi d b Z iXd Z ZgXZkfi % =fi Z iXd Z ZgXZkfi j #k_ ZgXZkXeZ f d eX j k_ fl kgl ki ggc % =fi
j d gc Zkfe #k_ fl kgl knf dX i ggc Z %

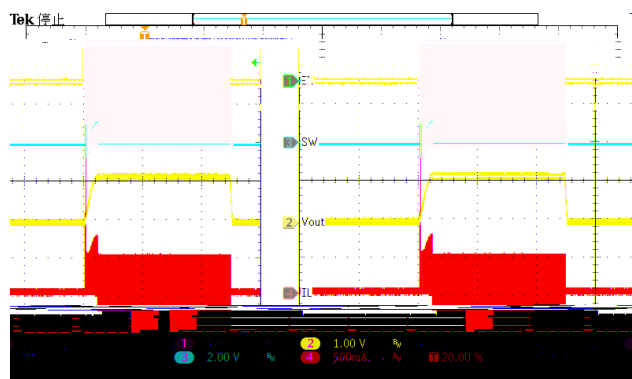
M_{E4}, M_{FLK4}(%M# ecjj fk_in j efk



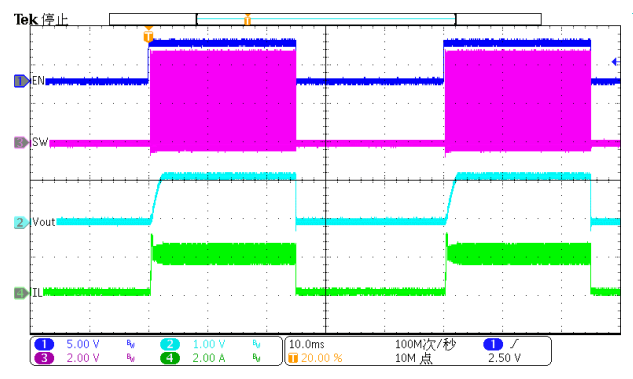
= li 0%Gn ilg ƒ8 4)8



= li (%Gn i fne ƒ8 4)8



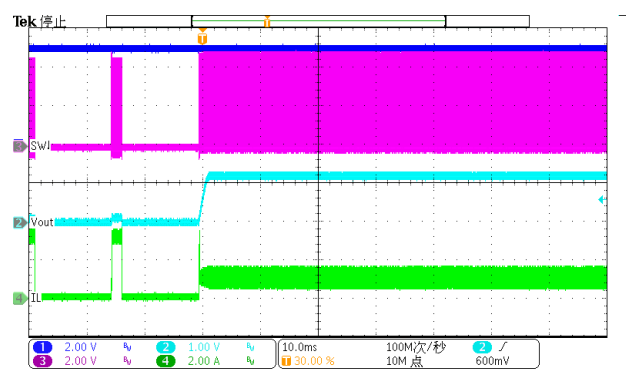
= li ((%Eƒ c ƒ8 4(d8



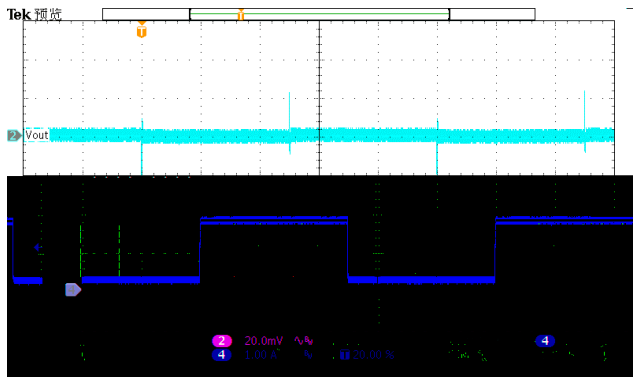
= li ()%Eƒ c ƒ8 4)8



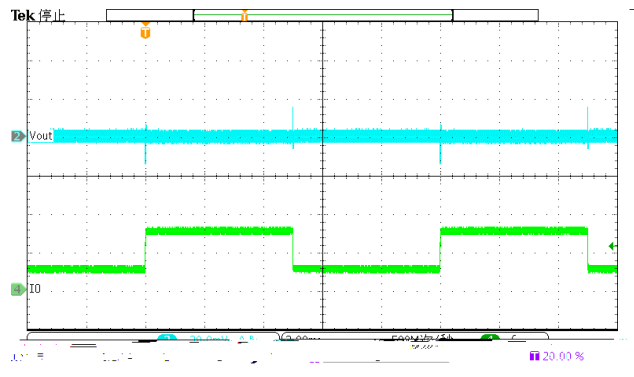
= li (*%ƒmi:l i i ekGƒk Zƒfe (8 ƒ_Xi j_ƒik



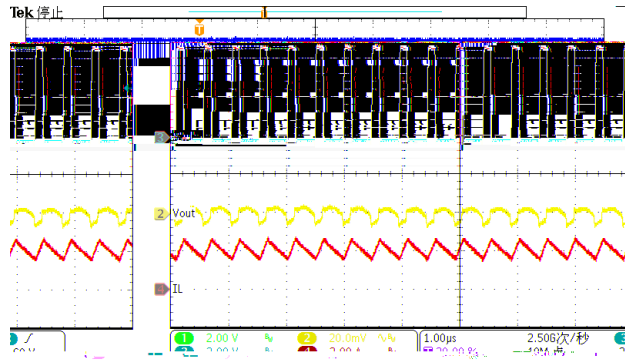
= li (+%ƒmi:l i i ek l cXj _Xi j_ƒikƒ (8



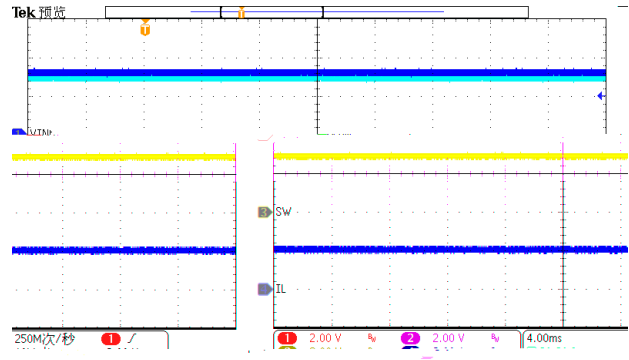
= l i (, %Cf X KiXe j ek %8 (%8 #(%8 & j



= l i (- %Cf X KiXe j ek %8 (%8 #(%8 & j



= l i (. %f l k g l k l g g c α 8 4) 8



= l i (/ % l k p M E 4 * % M # F L K 4 * % M # F 8 4) 8

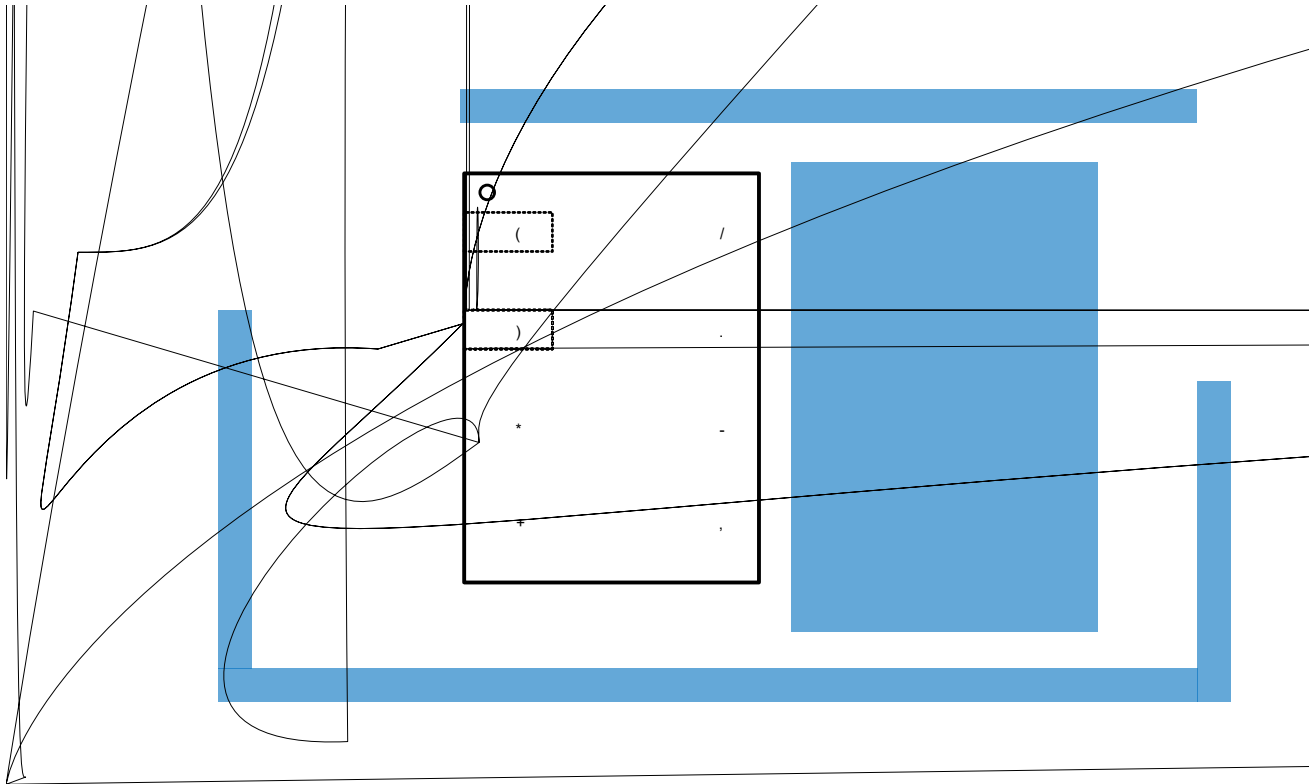


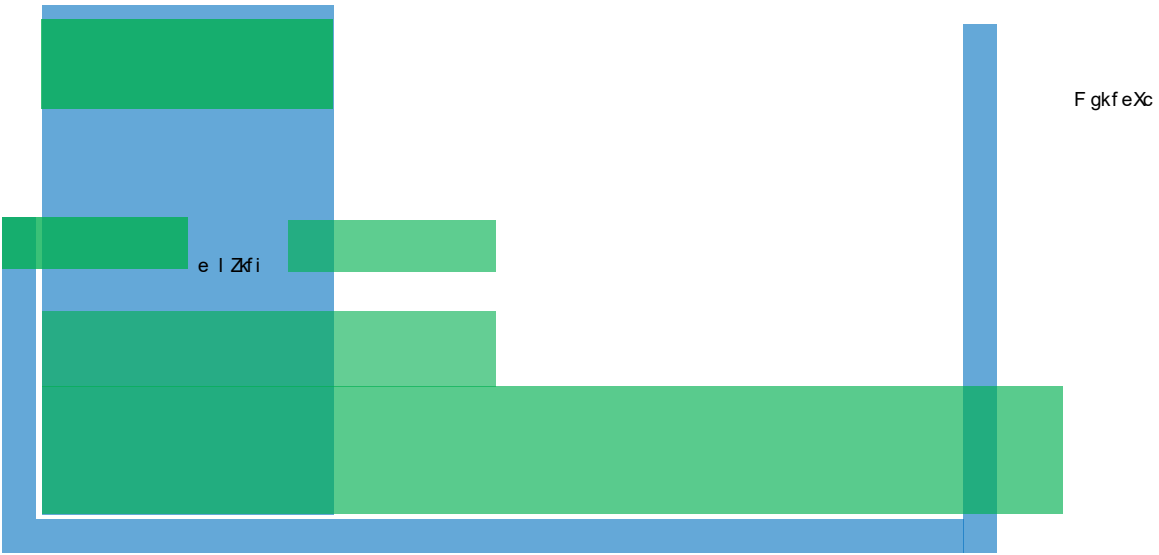
= l i (0 % K _ i d X d # M E 4 , M # M F L K 4 (% M # F 4) 8 K K 9 I



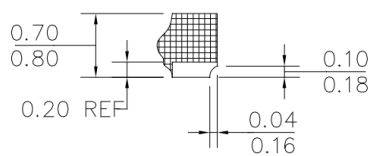
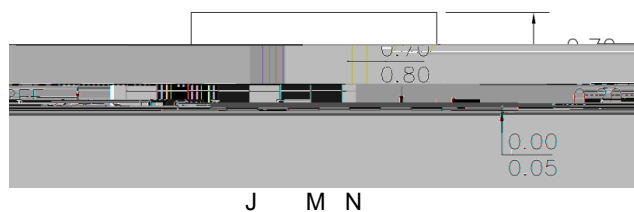
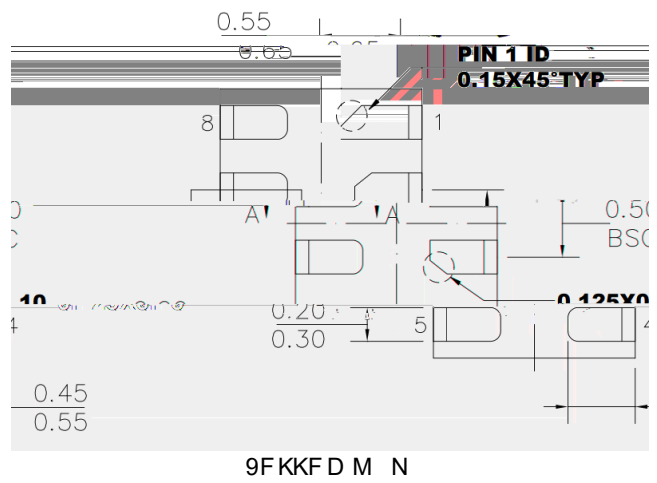
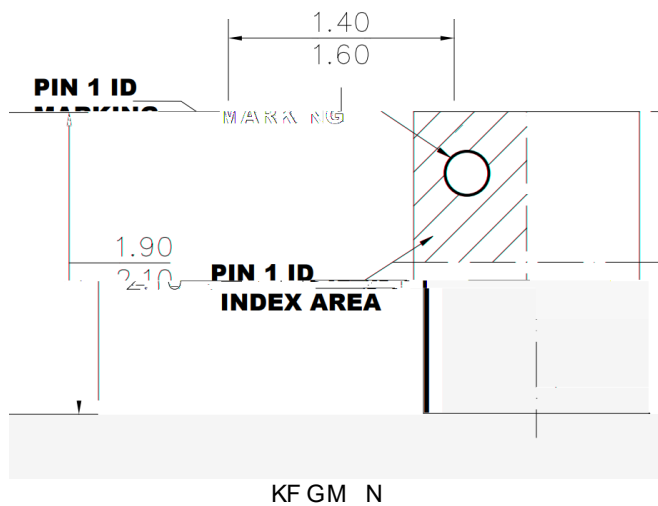
= l i) % K _ i d X d # M E 4 , M # M F L K 4 (% M # F 4) 8 = K 8 I

Gfg i G 9 xpflkj XZkZxcfi J: K)() j jkXyc Xe Z ekfg iXkfe%K_ kXZ j Zfe lZke Xjkjn kZ_e
 Zii ekj finf&X j Xi Xjp kf ek iXZkn k_jkXp e lZXeZ Xe gXiXj kZ ZXgXZkXeZ kf e iXk ef j Xe
 iX g ifidXeZ %fiYkii j l&j#f&n k_j l ce j Xj Y d n 1
 (%Gfn i ifle e jZ_d j mip ZkZxcY ZXj f ZXipe gfn i#k_idX#Xe dZ_&fleZe ef j
 XjffZXk nk_Z&Zb i hl eZp%K_ k_idYf ilc j kf dXb ifle kXZ d n jk dge eZ Xe gfn i Xi
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 *% =fi fg iXkfe Xk l&iXk dX #k_ kf g j ifle Xi Xdljk gfm X hl Xk _Xk jj gXke Xi X%D Xb
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 +%K_ YfKfd xp i j X&i ifle g&Xe Zfee Zk kf k_ ifle g&Xe fekf g xp i Yp mXj %K_ gfn i gX
 j_flc Y Zfee Zk kf YfKfd G 9 ifle g&Xe j lje d l&gc mXj i Zp le ik_ : %K_ Z ek ik_idXc
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 le ie Xk_k_k_idXcgX %d g f g i j f c i e k_idXcgX kf ifle g&X fe G 9 n &ZXj JN __iie e
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 j f ZfeZie#g& e f i k e k e ZXeY l j kf XZ_ m Xi g X&Xyc gifZjj%
 , %Flkglk e l Z&i j_flc Y g&Z Z&j kf k_ JN ge%K_ Xi Xf k_ G 9 Zfe l Z&i d e d q kf gi mek
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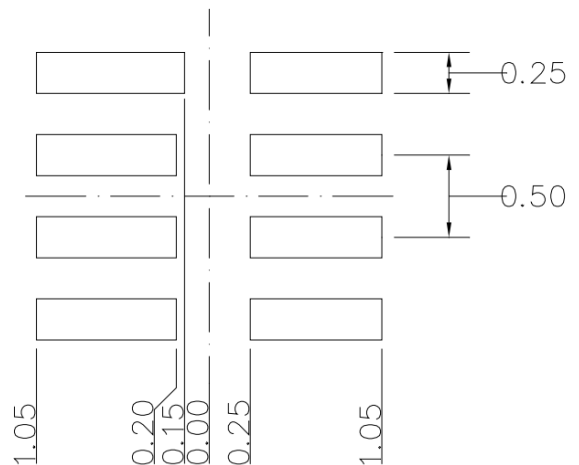




PACKAGE INFORMATION



J : KFE 8 8

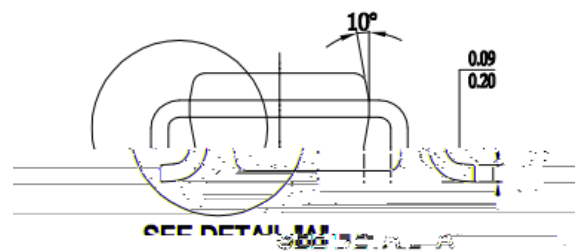
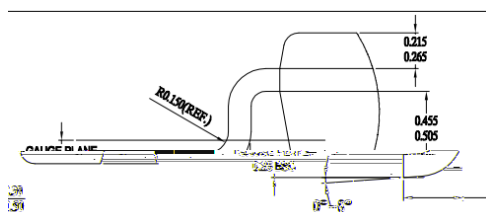
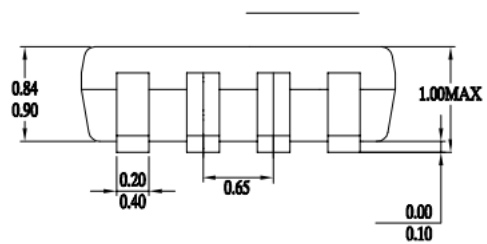
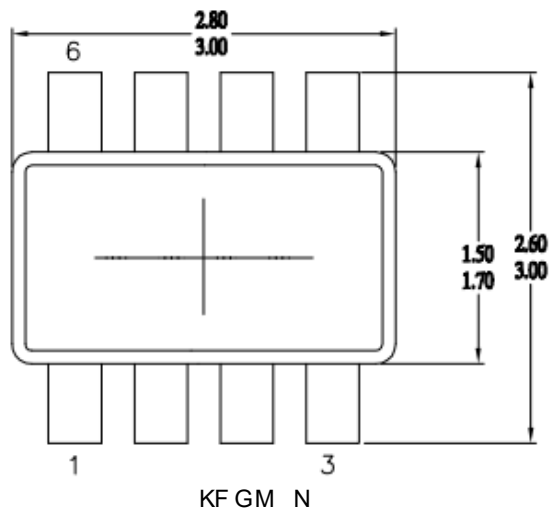


I : FDD E

$$KH = E(\%) / CGXZbX \quad Flkce \quad d \quad ej \quad fej$$

(% K C 8 J J N KK89C %
)% 8CC D EJFEJ 8I E D OGD K I J %
*% C 8 : FGGE8I KP J 8CC9 %/ D OGD K I J D8O %
+% A : I = I E: J DF)) %
, % I 8N E J EFKKF J: 8C %

PACKAGE INFORMATION



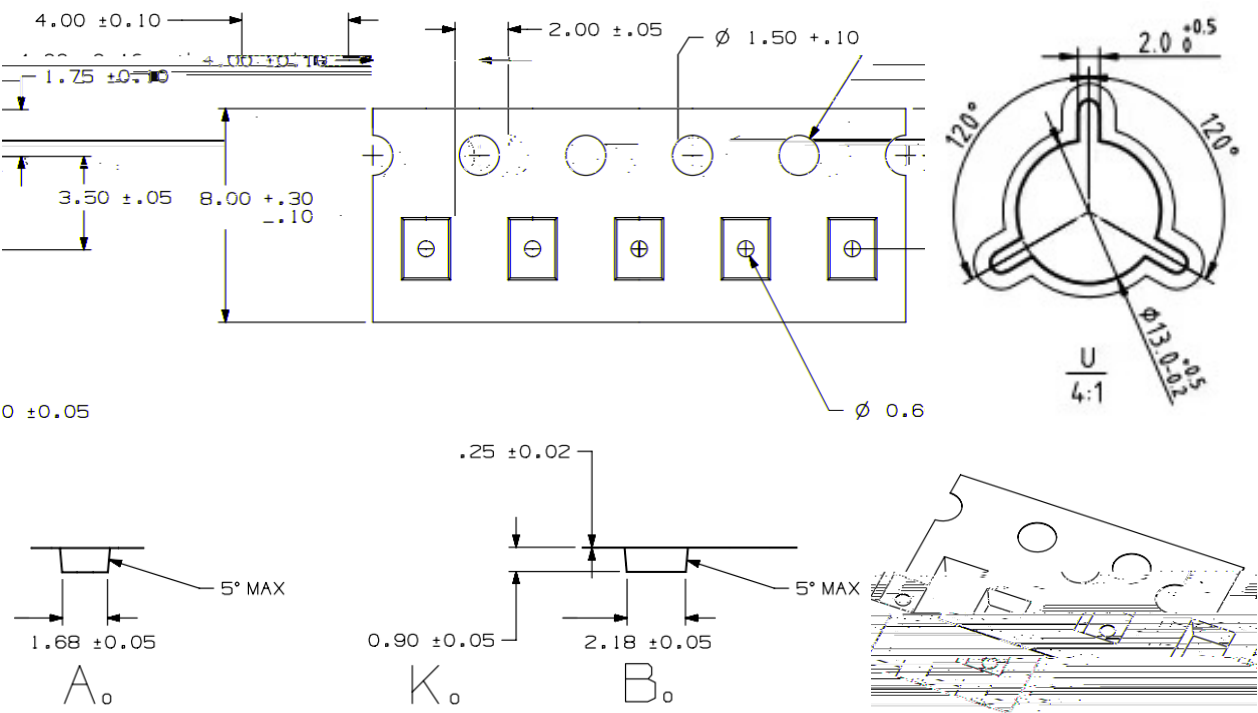
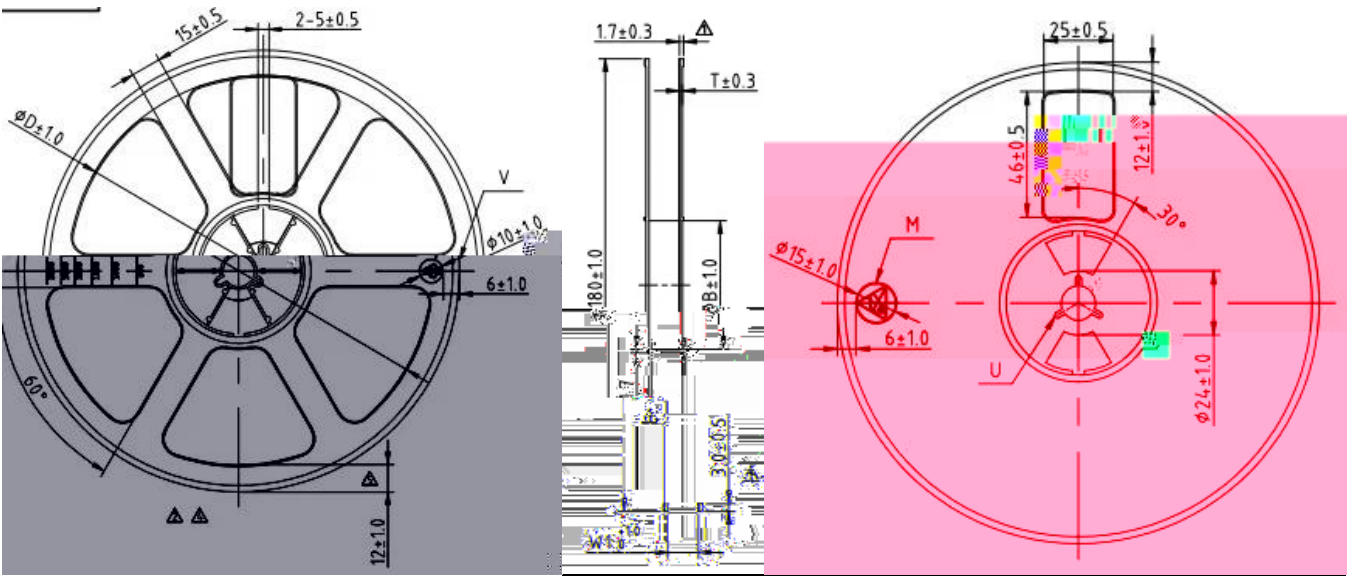
J : KFE 8 8

J M N

=: JFK) * /CGXZbX Flkce d ej fej

(% C 8 =I 8D : .), K : BE JJ %) .DD %
) % C 8 =E J JFC I G8K %
* % 9FK G8: B8 C E K 8E N K F EFK E: Q =8J %
+ % =F I D C 8 J 8OC9 G8E8I N K I JG : K K I F F E 8EFK I N K E % % + %
, % : FEKI FOC E D E J F E D D %
- % L E I D F M =8J 9 K N E C 8 J G8: B8 E =8J J 8OC
E F K O: %, DD =I F D 9 F K K F D 9 F P G I J
. % K G F 8 C J F 8 G G P K F =: K J F K J I J %
/ % K -C G I F L: K J N K F L K G E , D 8 E J , C G I F L: K J %

TAPE AND REEL INFORMATION



TAPE AND REEL INFORMATION