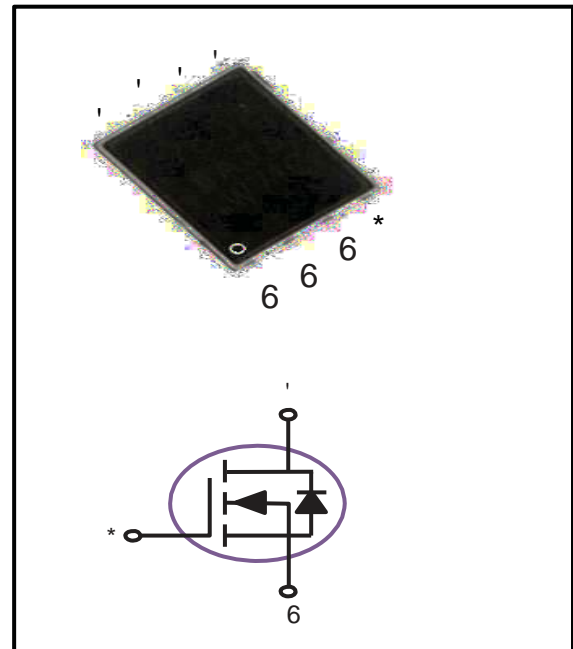


9 1 & KDQQHO 026) (/7 & & % ;
 33\$. ; 3LQ & RQILJXUDWLRQ

% 9 ' 6 6	5 ' 6 2 1	, ' ,
9	P :	\$

) HDWXUHV
 z 100V,45A, RDS(ON) =16.5 P @VGS = 10V
 z Improved dv/dt capability
 z Fast switching
 z 100% EAS Guaranteed
 z Green Device Available

\$SSOLFDWLRQV
 z Networking
 z Load Switch
 z LED applications



0 \$; , 0 8 0 5 \$ 7 , 1 * 6 \$ 1 ' & + \$ 5 \$ & 7 (5 , 6 7 , & 6

f & \$ PELHQW 7HPSHUDWXUH XQOHVV RWKHUZZLVH QRWHG

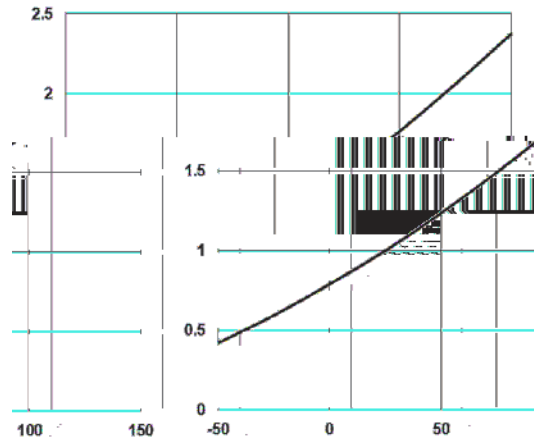
3DUDPHWHU	6 \ PERO	5DWLQJ	3QLWV
'UDLQ 6RXUFH 9ROWDJH	9 ₆		9
*DWH 6RXUFH 9ROWDJH	9 ₆	"	9
'UDLQ & XUHQW ± & RQWLQXRXV 7	,		\$
'UDLQ & XUHQW ± & RQWLQXRXV 7	,		\$
'UDLQ & XUHQW ± 3XOVHG	;		\$
6LQJOH 3XOVH \$YDODQFKH (QHUJ\	(\$6		P-
6LQJOH 3XOVH \$YDODQFKH & XUHQW	, \$6		\$
3RZHU 'LVVLSDWLRQ 7	3		:
3RZHU 'LVVLSDWLRQ ± HUDWH DERYH	3		: u
6WRUDJH 7HPSHUDWXUH 5DQJH	7 ₆₇	WR	u
2SHUDWLQJ -XQFWLRQ 7HPSHUDWXUH 5DQJH	5DQJH	WR	u

Thermal Characteristics

3DUDPHWHU	6 \ PERO	7 \ S	0 D [8 QLWV
7KHUPDO 5HVLVWDQFH -XQFWLRQ WR DPDLHQW				u :
7KHUPDO 5HVLVWDQFH -XQFWLRQ WR & DVH 5 -&				u :

9 1 &KDQQHO 026)(76 /'&

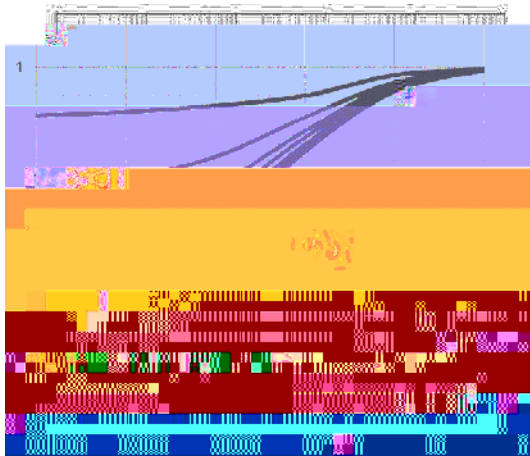
026)(7 (/(&75, &\$ / & + \$5\$ &7(5, 0_s7, &6





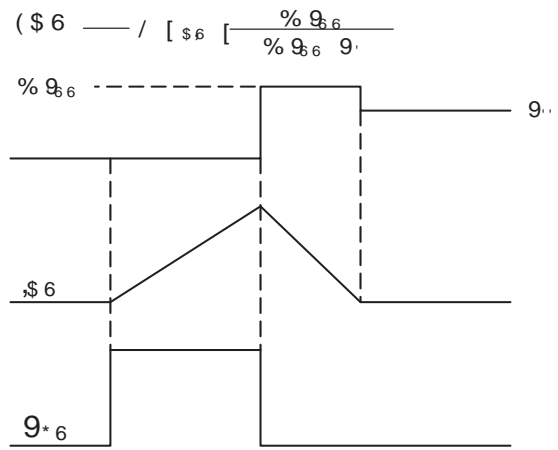
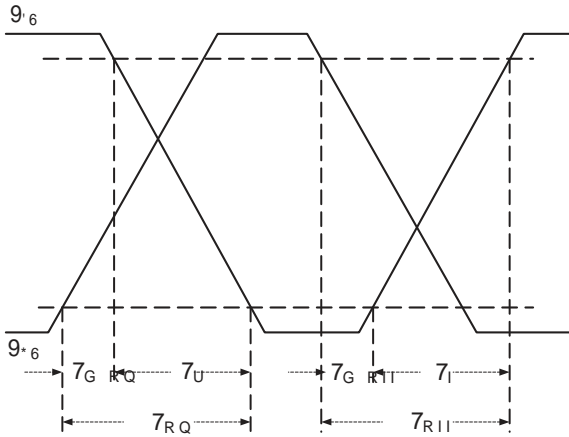
9 1 & KDQQHO 026) (7 & & % ;

1RUPDOLJHG 7KHUPD



& RQWLQXR XV 'UDLQ

6TXDUH :DYH 3XOVH 'XUDWLRQ V 9₆ 'UDLQ WR 6RXUFH 9ROWDJH
)LJ 1RUPDOLJHG 7UDQVLHQW ,PS)GDQFD[LPXP 6DIH 2SHUDWLRQ \$UHD

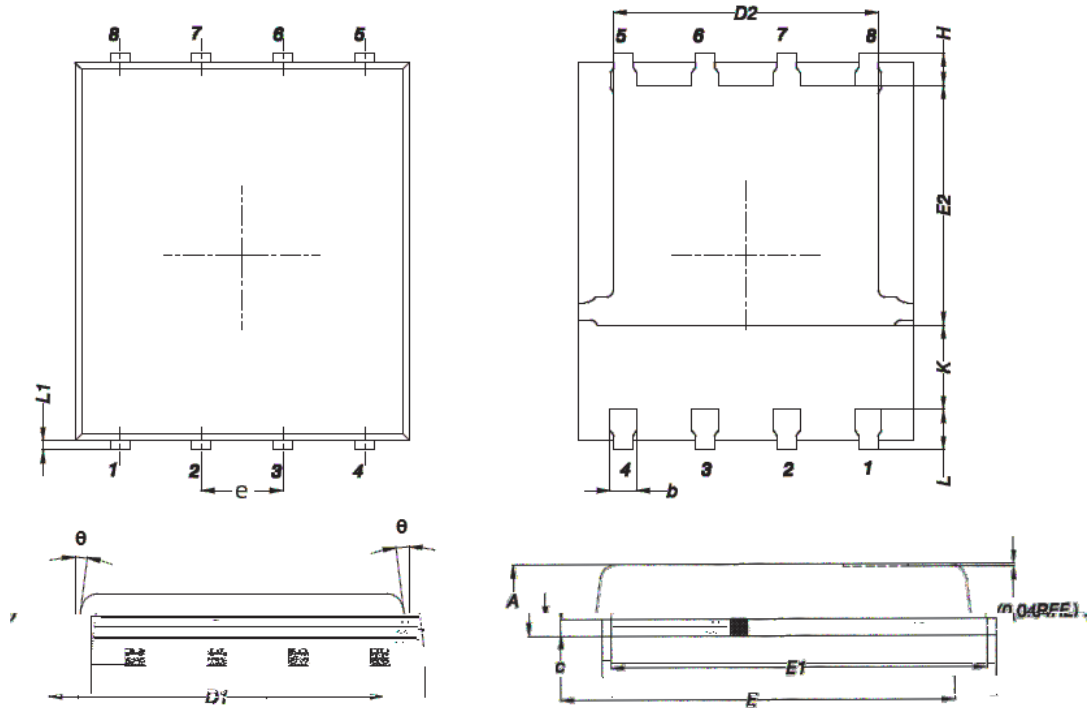


)LJ 6ZLWFKLQJ 7LPH :DYHIRUP)LJ (\$6 :DYHIRUP



9 1 & KDQQHO 026) (7 & & % ;

33\$. [3\$&.\$*(, 1)250\$7,21



6 \ PERO	'LPHQVLRQV , Q 0LO		OLPHWHUHQVLRQV , Q , QFKHV	
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H	% 6 &		% 6 &	
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