

N-Channel and N-Channel Complementary MOSFET

Product Summary

" 9₆
 " ,
 " 5₆ 2 1 DW 9 9 Ø P
 " (\$ 7 H V W H G
 " j 9₆ 7 H V W H G

General Description

```
" 6SOLW *DWH 7UHQFK 026)(7 WHFKQRORJ
" ([FHOOHQW SDFNDJH IRU KHDW GLVVLSD
" +LJK GHQVLW\ FHOQ GHVLJQ IRU ORZ 5
" 0RLVWXUH 6HQVLWLWLYW\ /HYHO
" (SR\ 0HHWV 8)ODPDELOLW\ 5DWLQJ
" +DORJHQ )UHH
" 3DUW QR Z4WPHVQVL$( & 4 TXDOLILHG
```

Applications

```
" '& '& &RQYHUWHUV
" 3RZHU PDQDJHPHQW IXQFWLRQV
" :LUHOHV FKHUJLQJ
```

vAbsolute Maximum Ratings 7 X Q O H V V R W K H U Z L V H Q R W H G

Parameter			Symbol	Limit	Unit
'UDLQ VRXUFH 9ROWDJH			9 ₆		9
*DWH VRXUFH 9ROWDJH			* ₆	9 “	9
&RQWLQXRXV 'UDLQ &XUUHOW 1RWH	DLO &XUUHOW 6WHDG\ 6WDWH	7\$ -			
&RQWLQXRXV 'UDLQ &XUUHOW 1RWH	DLO &XUUHOW 6WHDG\ 6WDWH	7& -			
		7& -			
3XOVHG 'UDLQ &XUUHOW — V			10		\$
\$YDODQFKH HQH			UJ\ 9 5 9 / P+ , \$6 \$	(\$ 6	P -
7RWDO 3RZHU 'LVVLSDWLRQ 1RWH	LVVLSDWLRQ 6WHDG\ 6WDWH	7\$ -	3		:
		7\$ -			
7RWDO 3RZHU 'LVVLSDWLRQ 1RWH	LVVLSDWLRQ 6WHDG\ 6WDWH	7& -			
		7& -			
-XQFWLRQ DQG 6WRUDJH 7HPSHUDWXUH 5DQJH			- 77*	7	-

Thermal resistance

Parameter	Symbol	Typ	Max	Units
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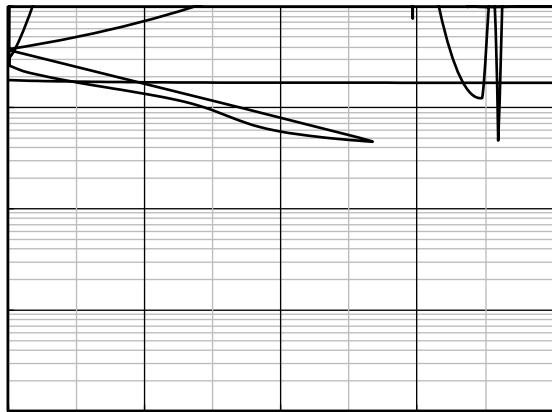
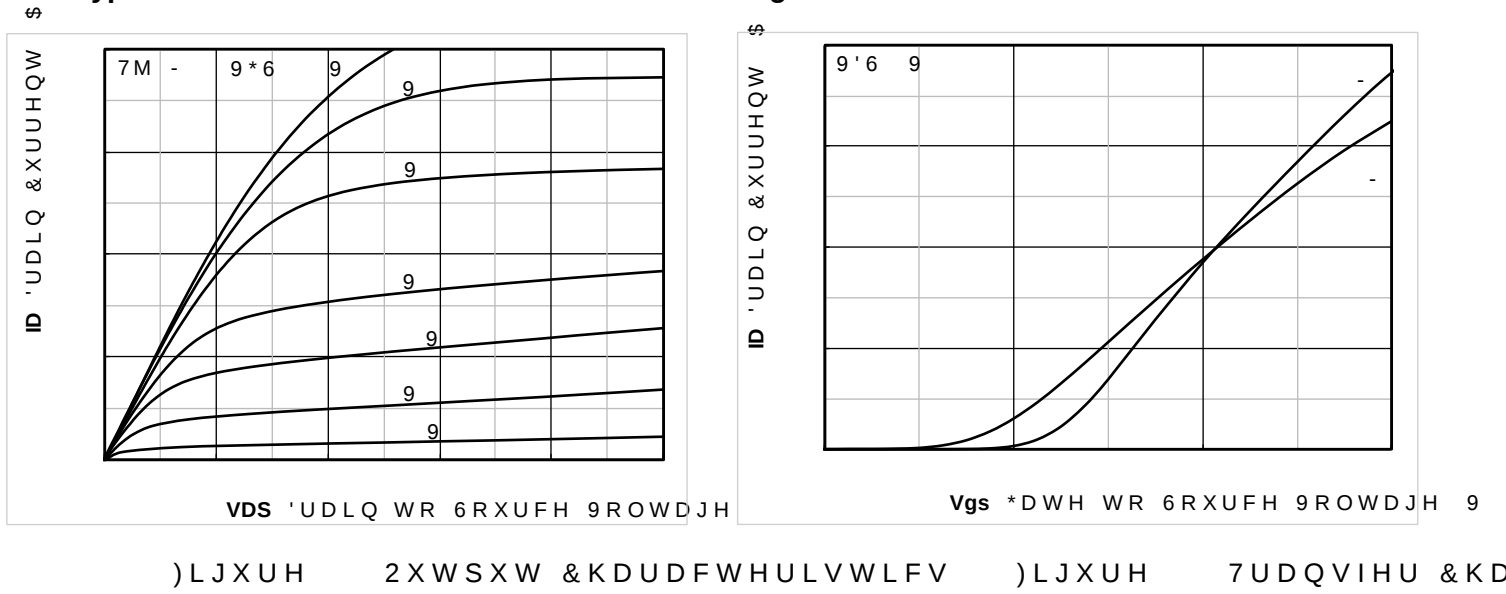
Static Parameter

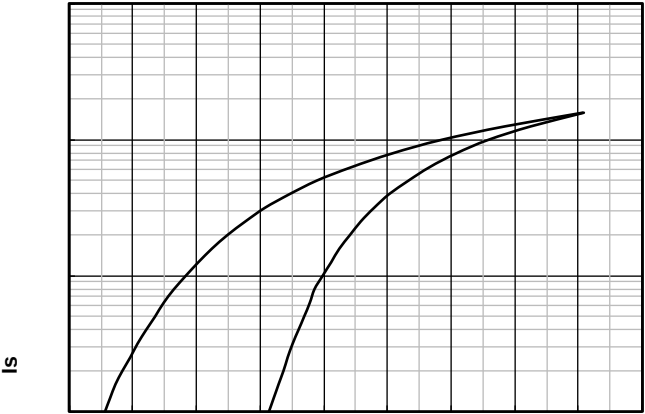
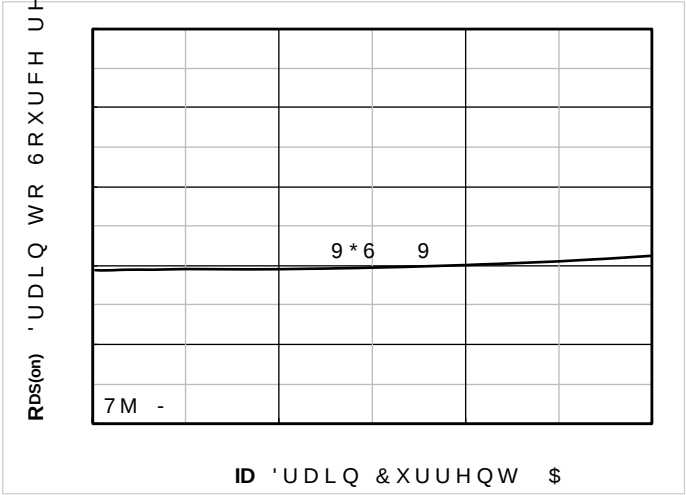
>À Q F H '4,P &



YJGD5D0G04HHQ

Typical Electrical and Thermal Characteristics Diagrams

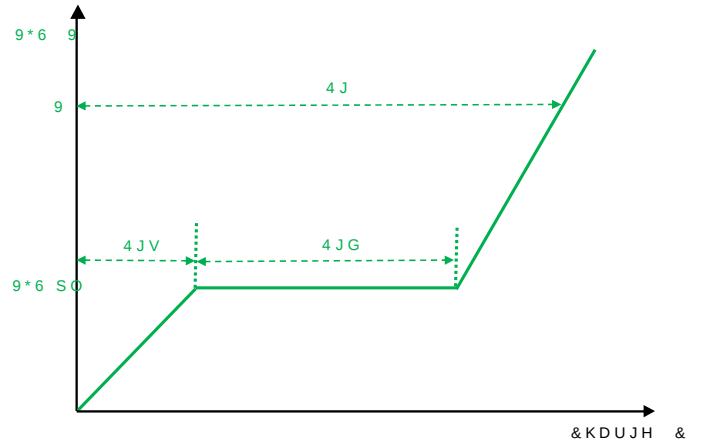
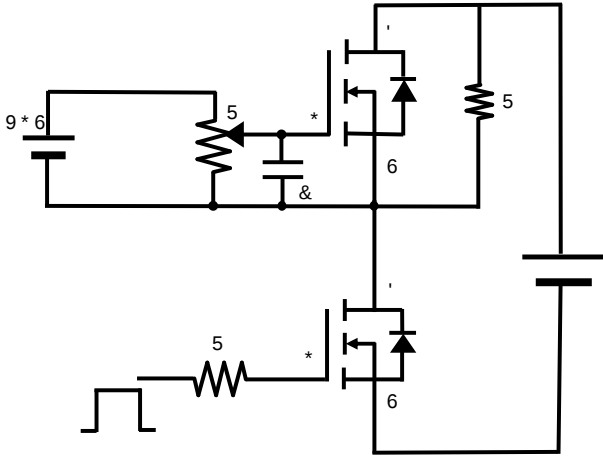




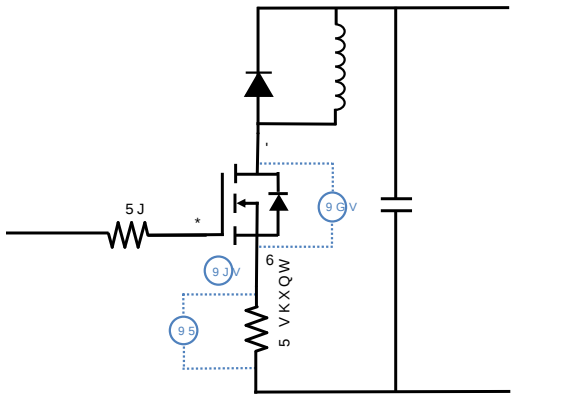
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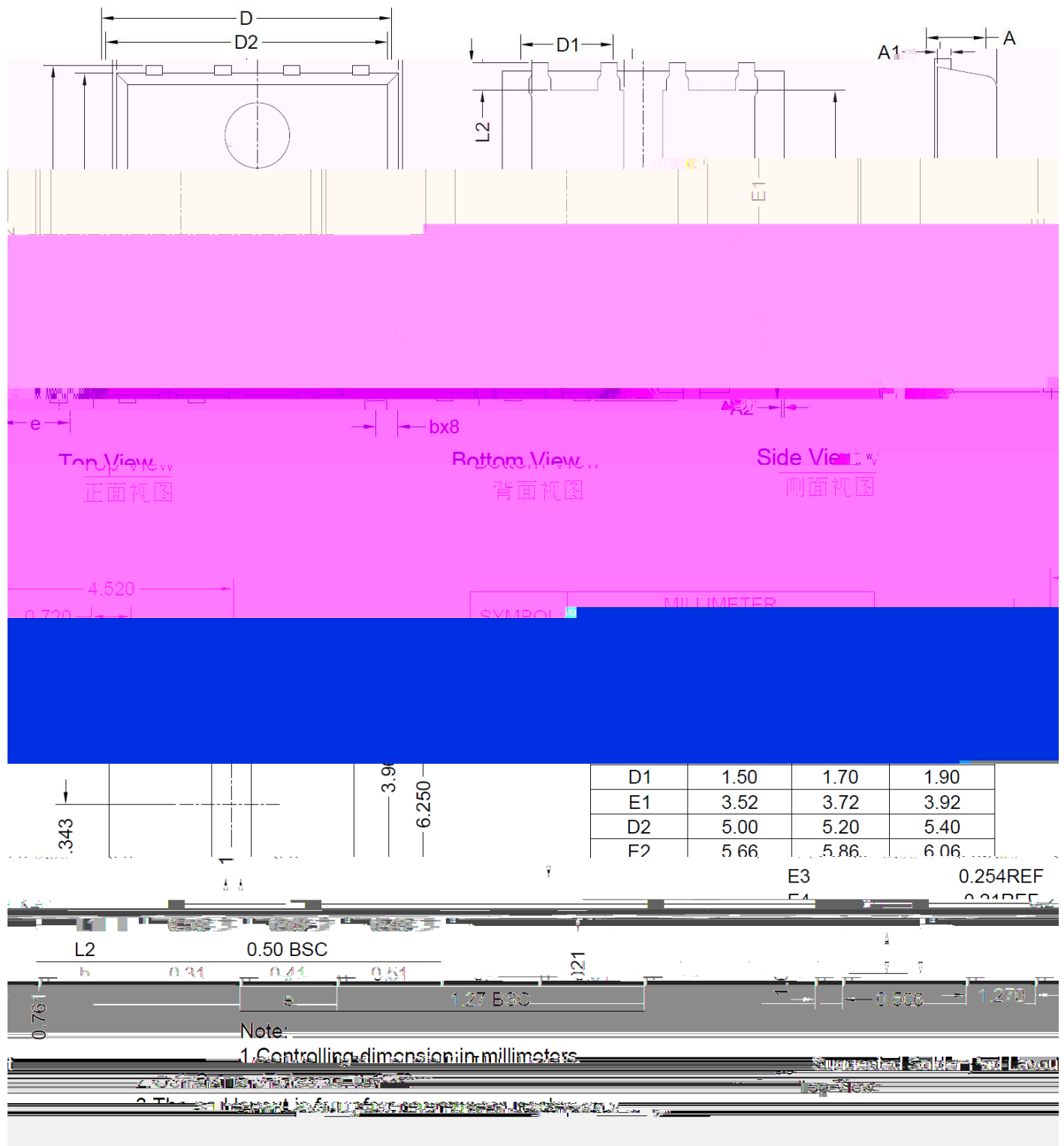
) L J X U H D W H & K D U J H U F X V W & : D Y H I R U P





YJGD5D0G04HHQ

vPDFN5060-8L-E-1.1mm Package information





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Disclaimer

7KH LQIRUPDWLRQ SUHVHQWHG LQ WKLV <DQJJKRXQWDQVMIRHU (WHIHWHUHQHFRQHFHQRC
ULJKW WR PDNH FKDQJHVZLWKRXSHQRSAURVLXFWRIGWVSOD\HG KHUHLQ WRGLPSURYL
RWKHUZZLVH

7KH SURGXFW OLVDQGHWHULHQXWBGHZLWKFWXWRQERWIDYRUQRWHGLQVPHQLFDO OLIV
VDYLQJ OLIVXVWDQLQJMRUOLQHQHQRXIPMVQRKUDVSEQOLWLRW\QRWGPDUH
VXFK LPSURSHU XVH RIVDOH

7KLV SXEOLFDWLRQ SXSDFHUWBGDVLQURUPDVLSQLSGHYLURXDGRLVQLRQDODVQWRHVLWWFSX
[ZZZ](#) \DQJMLHRPRQVXOW\RXLHQHDFHWRBGDVLWIDQFH