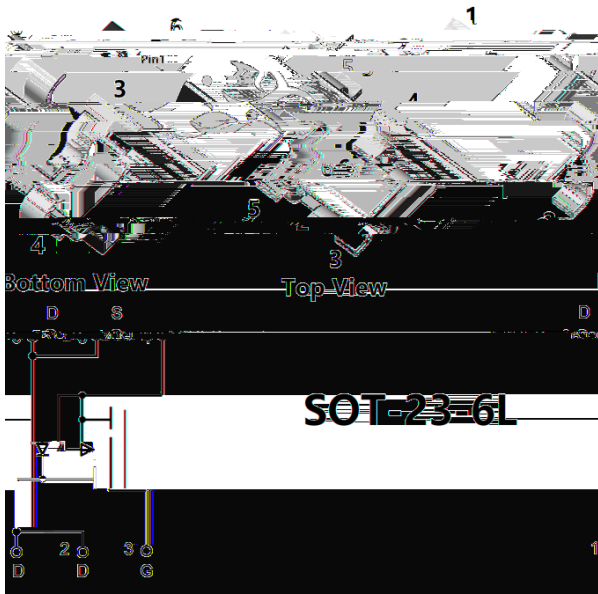




YJJ3400AQ

N-Channel Enhancement Mode Field Effect Transistor



Product Summary

" 9₆ 9
 " ' \$
 " 5₆ 2₁ DW 9 9 Ø P
 " 5₆ 2₁ DW 9 9 Ø P

General Description

" 7UHQFK 3RZHU 09 026)(7 WHFKQRORJ\
 " 9ROWDJH FRQWUROOHG VPDOO VLJQDO V\
 " /RZ LQSXW &DSDFLWDQFH
 " 0RLVWXUH 6HQVLWLYLW\ /HYHO
 " /RZ ,QSXW 2XWSXW /HDNDJH
 " 3DUW QR ZLWRKHVXQVL\$(3& 4 TXDOLILHG

Applications

" %DWWHU\ RSHUDWHG V\ VWHPV
 " 6ROLG VWDWH UHOD\
 " 'LUHFW ORJLF 077/H002Q WHUIDFH

Absolute Maximum Ratings

Parameter	Symbol	Limit	Unit
'UDLQ VRXUFH 9ROWDJH	9 ₆		9
*DWH VRXUFH 9ROWDJH	* ₆	9 "	9
'UDLQ &XUUHQW	7 _s -	;	\$
	7 _s -		
3XOVHG 'UDLQ &XUUHQW	' ₀		\$
7RWDO 3RZHU %LVVLSDWLRQ	7 _s -	3	:
	7 _s -		

7KHUPDO 5HVLMVDSFH -S 47 KWS 4 @KWS !%P Up Ä 0 Dpp IE 7yAA `@Äb@ yice ~ 13+-, Ä "y,yC-' Ä•• W 3 ÆÄ"Ð S:

PREFERRED P/N	PACKING CODE	Marking	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	MO E
< - - \$ 4						



YJJ3400AQ

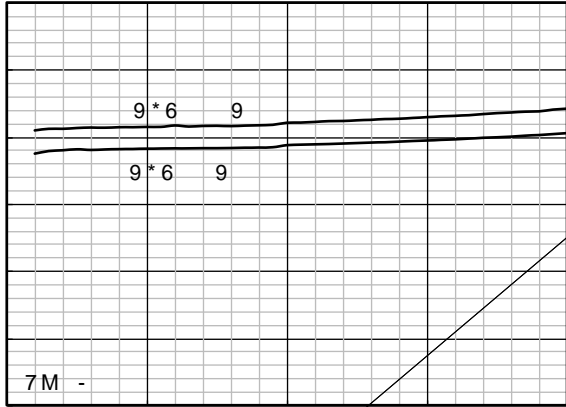
vElectrical Characteristics 7 XQOHVV RWKHUZZLVH QRWHG

Parameter	Symbol	Conditions	Min	Typ	Max	Units
Static Parameter						
'UDLQ 6RXUFH %UHDNGRZQ 9ROWDJH		9.6 9.9, \$	9			9
=HUR *DWH 9ROWDJH 'UDLQ &XUHHQW		9.6 9.9 9	9			\$
*DWH %RG\ /HDNDJH &XUHHQW		9.6, " 9.9 9	9		"	Q\$
*DWH 7KUHVKROG 9ROWDJH		9.9 9.6, \$	9			9
6WDWLF 'UDLQ 6RXUFH 2Q 5HVLVWDQFH		9.6 9.9, \$				P
		9.6 9.9, \$				
'LRGH)RUZDUG 9ROWDJH		9.6 \$.9 9				9
*DWH UHVLVWDQFH		5 0+]				
Dynamic Parameters						
,QSXW &DSDFLWDQFH	LVV	&				
2XWSXW &DSDFLWDQFH	RVV	9.6 & 9.9 9 0+]				S)
5HYHUVH 7UDQVIHU &DSDFLWDQFH		&				
Switching Parameters						
7RWDO *DWH &KDUJH	J	4				
*DWH 6RXUFH &KDUJH	JV	9.6 9.9 9.9, \$				Q&
*DWH 'UDLQ &KDUJH	JG	4				
5HYHUVH 5HFRYHU\ &KDUJH	UU	4				Q&
5HYHUVH 5HFRYHU\ 7LPH	UU	W				QV
7XUQ RQ 'HOD\ 7LPH	'RQ	W				
7XUQ RQ 5LVH 7LPH	U	W 9.6 9.9 9.9, \$				QV
7XUQ RII 'HOD\ 7LPH	'RII	W 5.1				
7XUQ RII IDOO 7LPH	I	W				

\$ 5HSHWLWLYH UDWLQJ SXOVH ZLSHUO DWRUHWHG E\ PD[MXQFWLRQ WHP
 % 1V EDVHG RQ PD[MXQFWLRQ WHP
 & 7KH YDOXH RII 5HFRYHU\ ZLWK WKH GHVLJQ RII 5HFRYHU\ QSSHU LQ WKH VWLOO DLU H
 7KH PD[LXP DOORZHG MXQFWLRQ WHP 5HFRYHU\ QSSHU LQ WKH VWLOO DLU H

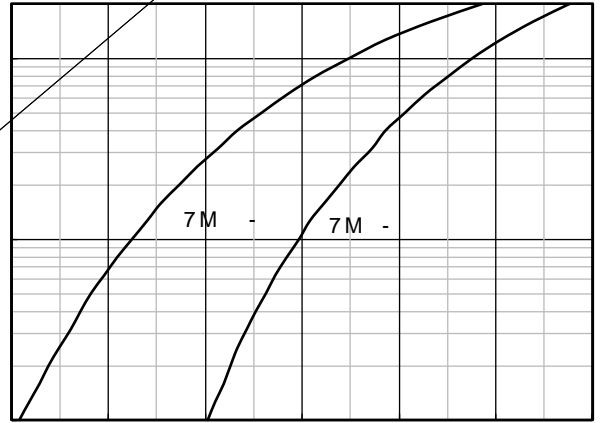
YJJ3400AQ

\$ UD LQ & XU UHQW



ID 'UDLQ & XU UHQW \$

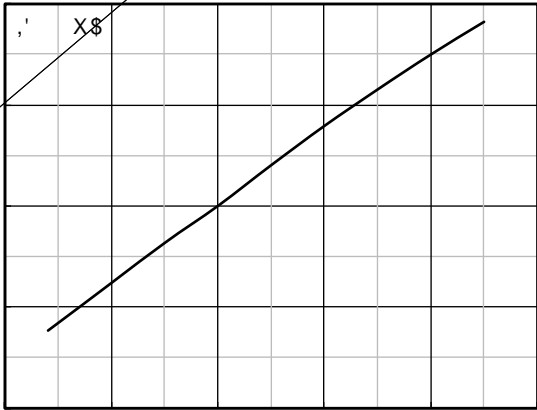
)LJXU 6 RQ96 'UDLQ & XU UHQW



Vsd- 6RXUFH WR 'UDLQ 9ROWDJH 9

)R) LZU 6 FKDV DR WHUHLHUWLF G

BV_{oss}-0\$; 'UDLQ WR 6RXUFH 1RUPDQJHG



Tj -XQFWLRQ 7HPSHUDWXUH



YJJ3400AQ

vSOT-23-6L Package information

SYMBOL	MIN.		
	0.012	0.020	
B	0.1		
D			
G			
H			
K			
L			
M			



YJJ3400AQ

Disclaimer

7KH LQIRUPDWLRQ SUHVHQWHG LQ WKLV <DQJJKRX> QVMIHQ (WHIHWHUHQHFRQFHQRQ
ULJKW WR PDNH FKDQJHVRUZHWWKRXSWKHRSURVLGXFWRIGWVSOD\HG KHUHLQ WRGLHPSLWRY
RWKHUZZLVH

7KH SURGXFW OLVWJHQHWIRLEQLXWBEHZLWKFDXWRQERWIDYRUQRWHGLQVPHGLFDO OLIH
VDYLQJ OLIHVXVWDQGLQJMRH RUOLWQHQDRQXIPMVIRKUDVLEHQGLWLRW\DRQWGPDUH
VXFK LPSURSHU XVH RI VDOH

7KLV SXEOLFDFWLRQ SXOSSHUWIDQGLQURQPDVXLSRQLSHHYRURXDGGLRQLRSDODVLRWVHJLWWRSX
ZZZ \