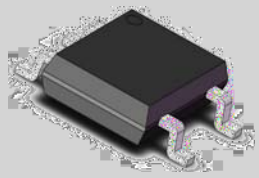
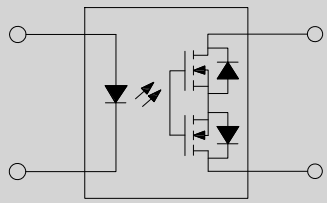
DESCRIPTION:

7KH SURGXFWV DUH SLQ RSWLFDO Q YLFH F
$O*D$V LQIUDUHG LQ LXW LQJ GH RSH WL G WR D
KLJK YROWDJH RXWSXW LQ D SHDVRW LFH
7KH GHWHFWRU FRQVLVWV RI D KLJK ROWDL
DQG GULYHU FLUFXLWU\ ZLGH SURGXG
DQG WHVWLQJ HTXLSPHQW WHUXUHW\ W
LQGXVWULDO PDFKLQHU\ DQG HTXLSP





MAIN FEATURES

+LJK LVRODWLRQ 9UPV
/2: & /2: 5
2SHUDWLQJ WHPSHUDWXU& WR f &
5($&+ 5R+6 FRPSOLDQFH
+%0 + $ 00 0 &'0 &
&4& DSSURYHG
9'(DSSURYHG
8/ DSSURYHG

ABSOLUTE MAXIMUM RATINGS 7HPSHUDWXUH f &

,QSXW	)RUZDUG &XUUHQW	,)		
	3HDN)RUZDUG &XUUHQW	,)3	7	$
	5HYHUVH 9ROWDJH	95		
	,QSXW 3RZHU 'LVVLSDWLRQ	'	3	
2XWSXW	/RDG 9ROWDJH	92		
	&RQWLQXRXV ORDG FXUUHQW	2	,	
	2XWSXW 3RZHU 'LVVLSDWLRQ	2	3	P:
7RWDO 3RZHU 'LVVLSDWLRQ		3WRW		P:
,VRODWLRQ 9ROWDJH		9LVR	8	9UPV
2SHUDWLQJ 7HPSHUDWXUH		7RSU	a	
-XQFWLRQ 7HPSHUDWXUH		7M		
6WRUDJH 7HPSHUDWXUH		7VWJ	a	
6ROGHULQJ 7HPSHUDWXUH		7VRO		

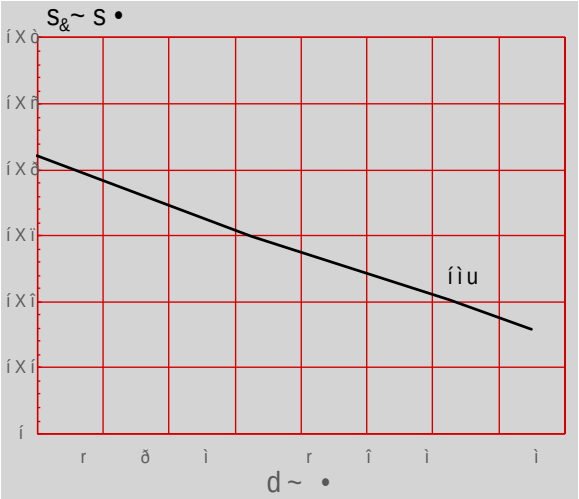
NOTE1 íìì…• ‰ µìò,•(Œ ‹µ v Ç
NOTE2 (}Œ íu]vµš U ZX,XAðì•òì9

ELECTRICAL CHARACTERISTICS 7HPSHUDWXUH ƒ&

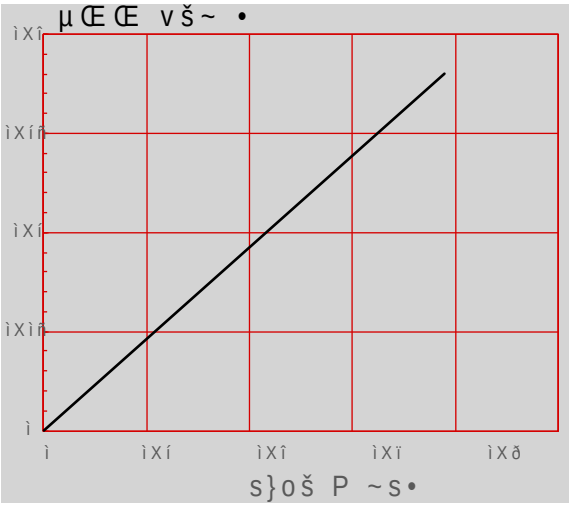
,QSXW	)RUZDUG 9ROWDJH	)	,) 9 P$				9
	5HYHUVH &XUUHQW	5	5 , 9		9		$
	$FWLRQ &XUUHQW	)2,1	2 ,2 0$;	,			
	5HVHW &XUUHQW	)2))	2 ,2 0$;	,			P$
2XWSXW	2Q 5HVLVWDQFH	5RQ	,) P$,2 0D[:LWKLQ V RQ WLPH				
	2II 6WDWH /HDNDJH &XUUHQW	/HDN	,) P$ 92 0D[				$
	2II 6WDWH &DSDFLWDQFH	&RII	) ,P$				S)
6ZLWFKLQJ &KDUDFWHULVWLFV	,VRODWLRQ 5HVLVWDQFH	5,62	'& 9 a 5 +				
	)ORDWLQJ &DSDFLWDQFH	&,2	9 I 0+]				S)
	7XUQ 2Q 7LPH	WRQ	,) P$ 2,0D[				V
	7XUQ 2II 7LPH	WRII	,) P$ 2,0D[				PV

Characteristics Curves

/(' 'URSRXW 9ROWDJH YV $PELHQW 7HPSHUDWXUH



2XWSXW &XUUHQW YV 2XWSXW 9ROWDJH



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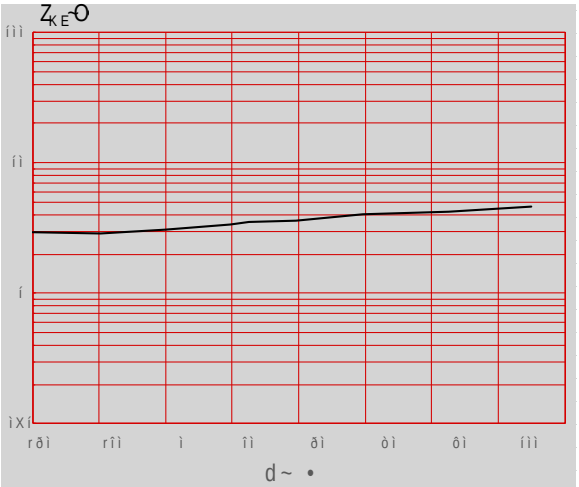
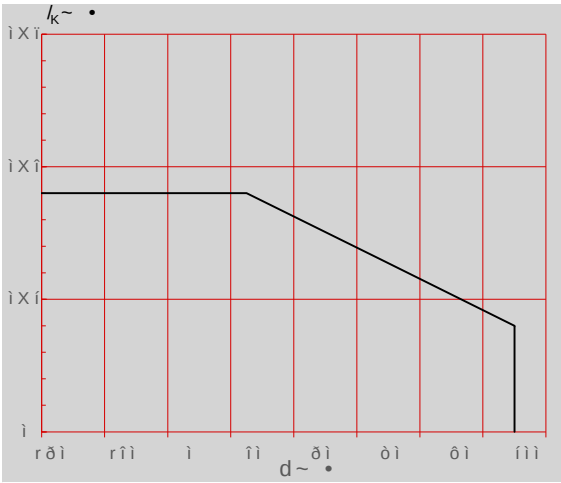


/RDG &XUUHQW YV $PELHQW 7HPSHUDWXUH



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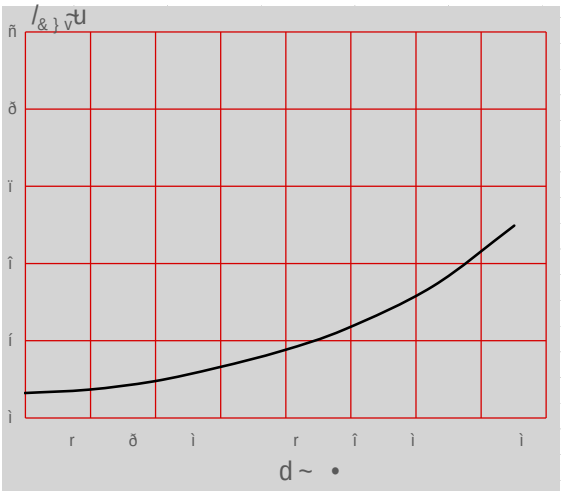

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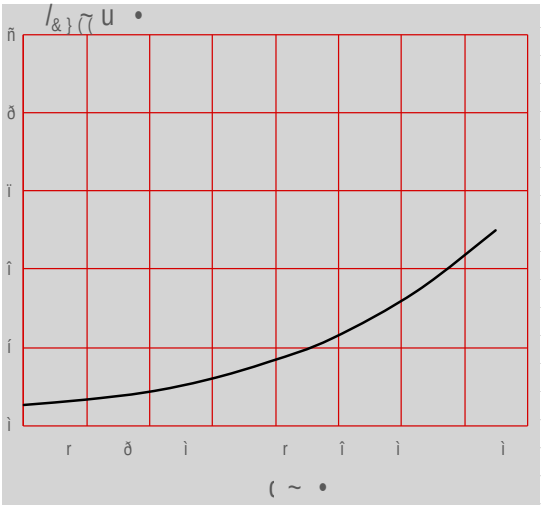

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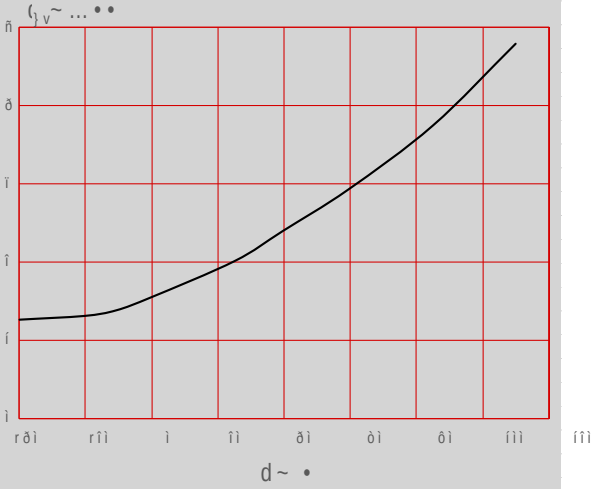

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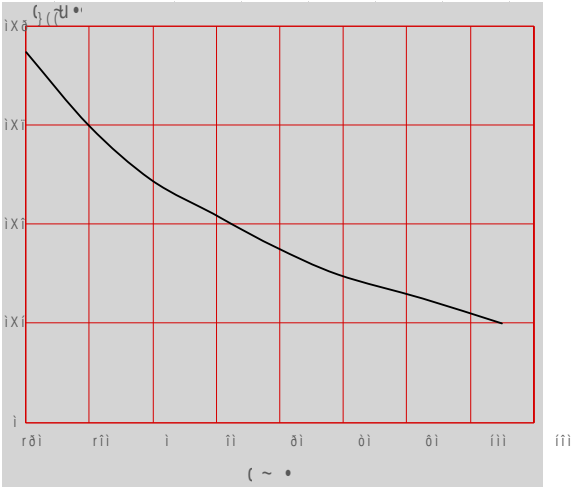

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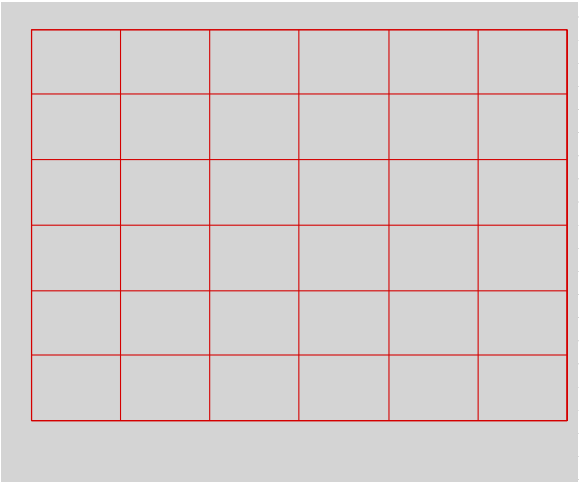
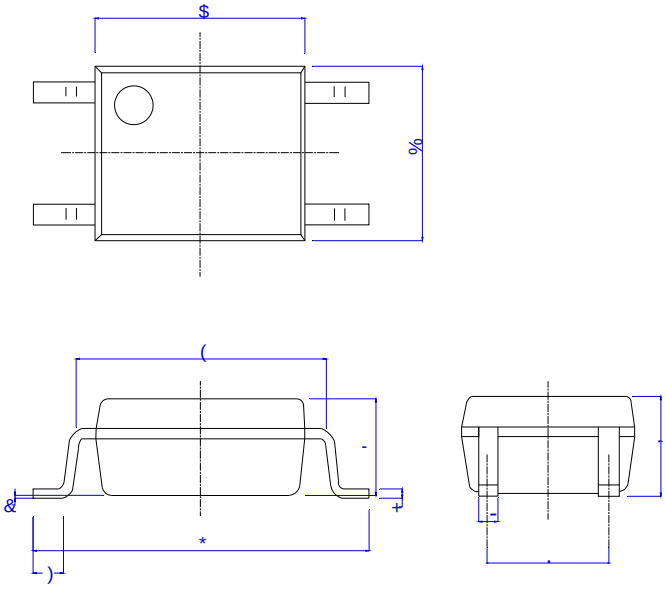


7XUQ 2II 7LPH YV /(')RUZDU &XUUHQW

Package Dimension (Unit: mm)



5HI	'LPHQVLRQV					
	0LOOLPHWHUV			,QFKHV		
	0LQ	7\S	0D[	0LQ	7\S	0D[
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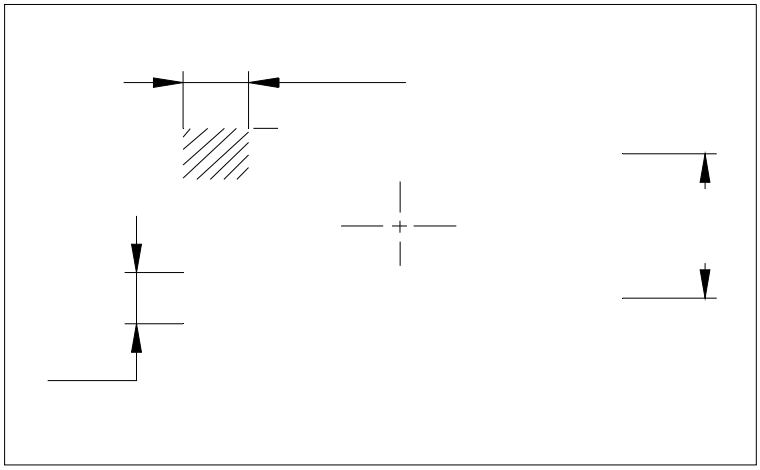
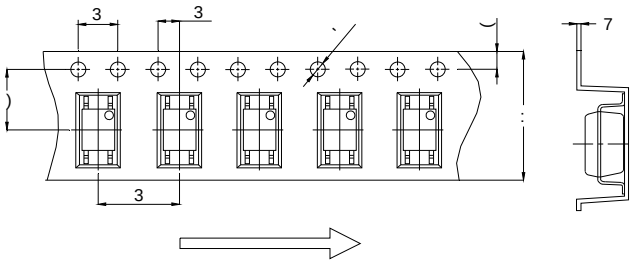
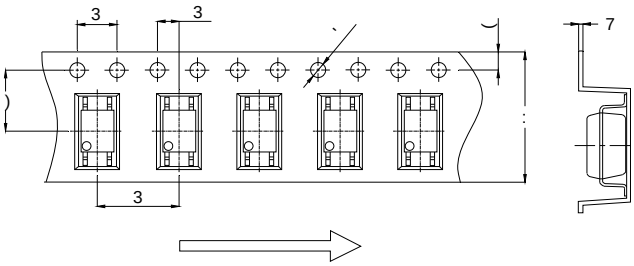
RECOMMENDED SOLDER MASK (Dimensions in mm unless otherwise stated)



CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)



5HI	'LPHQVLRQV					
	0LOOLPHWHUV			,QFKHV		
	0LQ	7\S	0D[	0LQ	7\S	0D[
'						
3						
3						
3						
(						
)						
7						
:						



5HI	'LPHQVLRQV					
	0LOOLPHWHUV			,QFKHV		
	0LQ	7\S	0D[	0LQ	7\S	0D[
'						
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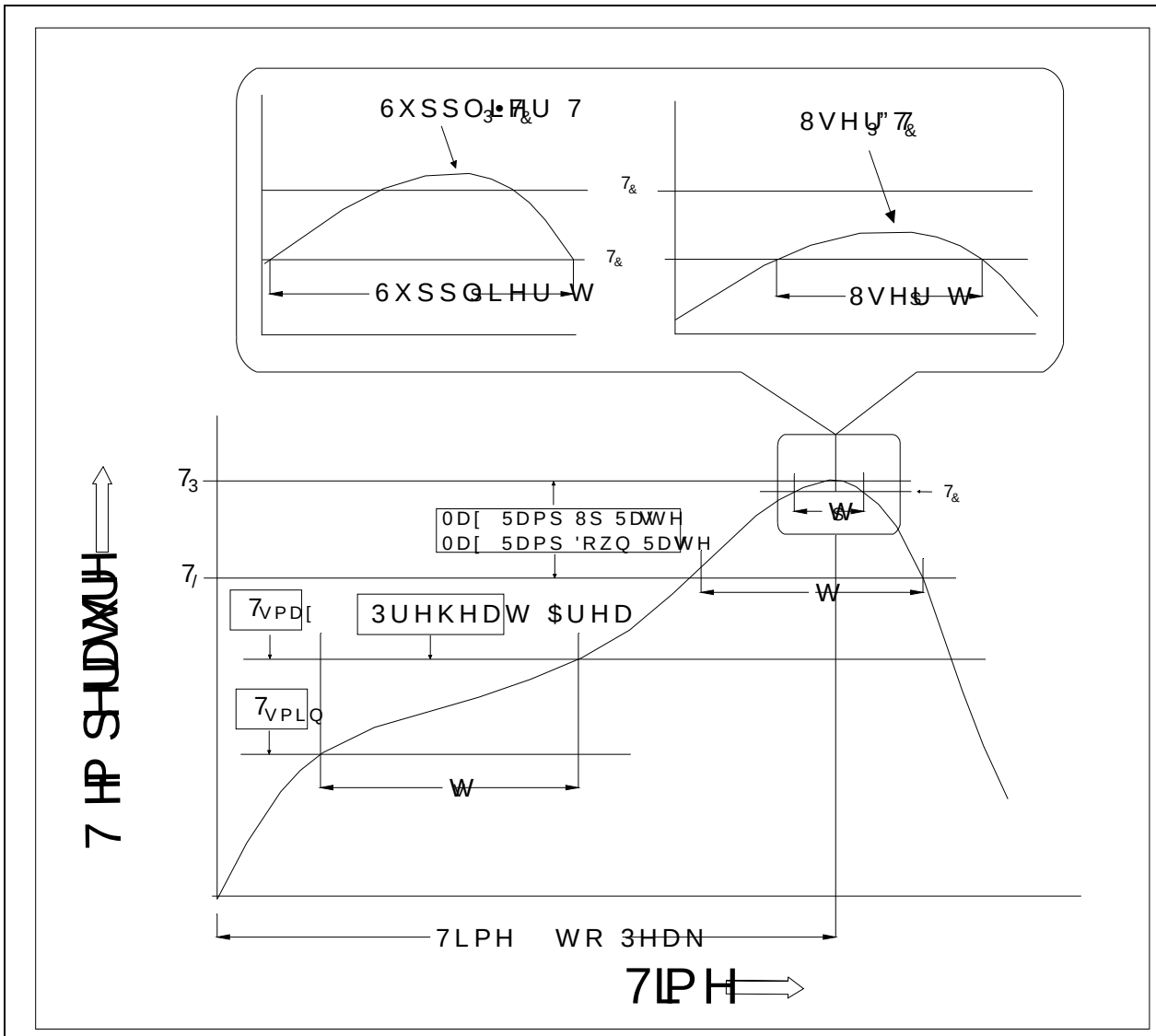
REFLOW INFORMATION



7HPSHUDWXUH 0LQ	7VPLQ	
7HPSHUDWXUH 0D[	7VPD[	
7LPH WV IURP 7VPLQ WR 7VPD[		VHFRQGV
5DPS XS 5DWH W/ WR W3	VHFRQG PD[	VHFRQG PD[
/LTXLGXV 7HPSHUDWXUH 7/		
7LPH W/ 0DLQWDLQHG $EROYH 7/		VHFRQGV
3HDN %RG\ 3DFNDJH 7HPSHUDWXUH		
7LPH W3 ZLWKLQ	VHFRQGV	VHFRQGV
5DPS GRZQ 5DWH	73 WR 7/ VHFRQG	VHFRQG
7LPH WR 3HDN 7HPSHUDWXUH		PLQXWHV PD[

1RWH

5HIORZ VROGHULQJ LV UHFRPPHQGHG VDWKRZQH QRHPSHUHDWKDQ WDO

$YRLG GLUHFW FRQWDHFW [DEGZGHQ WRXUOVFHU H[FHHGLQJ LWV PD
VWRUDJH WHPSHUDWXUH

$SSOLFDWLRQ RKHSHSV[\XEURKLWLWHGDWHG WHPSHUDWXUHV ,Q V
VFHQDULRV DQ HDPSVOLQGW H[FFHHG 1

(QVXUH WKH FRPSRQHQW KDV FRROHG WRDPHEWKQDQZLYPSHUDXHQ
PDQXIDFWXULQJ VWHSV

7KH FRPSRQHQW KDV RQH HDUOZKHQ VWRUHGGXQGHUGLWLRQV

5HFRPPHQG VWRUDJH 7HPS a f &

5HFRPPHQG VWRUDJH KXPLGLW\

06/ OHYHO 06/

,QIRUPDWLRQ IXUQLVKHG LQ WKLVHGRF WR EH DFFXUDWH D
-LDQJVX -LH-LH 0LR&RRH/WHF WDVVQLFHV CQLW UHVSRQVHLEIRQVHT
RI XVH ZLWKRXW FRQVLGHUDWLRQ IRG LVWFK,QIRUPDWLRQ
LQ WKLV GRFXPHQW LQJVXZLWKRXW RQRWLFH DSDUW IURP W
VLJQHG -LDQJVX-LH-LH ZLWKPWKH DJUHHPHQW
3URGXFWV DQG LQIRUPDWLRQ SURYLGHG LQ HQWKLVRGRFXPH
-LDQJVX -LH-LH DVVXPHV QR\UHVSRQ\VLQIULQJHPHQW RI RW
ZKLFK PD\ UHVXOW IURP WKH XVH RI 7XFLV SURFXPHQW DQG H
DQG UHSODFHV DOO LQIRUPDWLRQ SUHYLRXVO\ VXSSOLHG
LV D UHJLVWHUHG DQJVXG-LHD-LH RLF-LRH/WHF WURQLFV &R
&RS\UL<JKW -LDQJVX -LH-LH 0FLV &RHO/WFG WUSRQLHG LJKWV UHVH