JOCSZ21X,JOCSZ31X-D6P/S Series

Rev.A.1.0

DESCRIPTION:

7KH SURGXFWV DUH SLQ WK\ULVWRU RSWR FRXSOHUV 7K
FRPELQHV DQ $,*DHSPVLWQWLUQJUKGGRGH DV WKH HPLWWHU
ZKLFK LV RSWLFDOO\ FRXSOHG WR D PRQROLWKLF VLOLFRQ
SKRWR WULDF LQSDFNODMWZLFWK,3GLIIQHUHQW OHDG IRUPL
RSWLRQV 7KH SURGXFWVDUHVXLWDEOHIRUZLGHROG YDOYH FRQWUROV
OLJKWLQJ FRQWUROWHPSRWURUFXUHQWRQWUROV VWDWLF
SRZHU VZLWFKHV VROLG VWDWH UHOD\V LQWHUIDFLQJ PL
XS WR $& S9HULSKHUDOV

MAIN FEATURES

+LJK LVRODW9L5RG
'& LQSXW ZLWKVL]HUSKRWR WULDF RXWSXW
2SHUDWLQDWXUHSHUDQJH - ZU -
8+'). 8U.9 IUSVROGTIK
.(3 . '! 33 3 &'0 &
&4& DSSURYHG
9'(DSSURYHG
8/ DSSURYHG

ABSOLUTE MAXIMUM RATINGS 7HPSHUDWXUH f&

Parameter		Symbol		Value	Unit
,QSXW	)RUZDUG &XUUHQW	,)			
	3HDN)RUZDUG &XUUHQW	)		[7]	$
	5HYHUVH 9ROWDJH	95			
	3RZHU 'LVVLSDWLRQ	3'			
	2II VWDWH 2XWSXW 9ROWDJH	92))	7HUPL-2&6=	;	9
			-2&6=	;	

2XWSXW

2SHUDWLQJ 7HPSHUDWXUH	7_{RSU}	a	
-XQFWLRQ 7HPSHUDWXUH	7_{M}		
6WRUDJH 7HPSHUDWXUH	7_{VWJ}	a	
6ROGHULQJ 7HPSHUDWXUH	7_{VRO}		
3HDN SXOVH YROWDJH 7M QRQ UHSHWLWLYH RII VWDWH	9_{SS}		

NOTE1 íìì• ‰µo• U íìì,Ì (O **NOTE2** v Ç(}Œ íu]vµš U ZX,XAðì•òì9

ELECTRICAL CHARACTERISTICS 7HPSHUDWXUH ƒ&

Parameter			Symbol	Condition	Min.	Typ.	Max.	Unit
,QSXW	)RUZDUG 9ROWDJH		V_F	) P$	,			9
	5HYHUVH &XUUHQW		I_R	5 9	9			$
	,QSXW &DSDFLWDQFH		C_{IN}	9 I &N+]				S)
2XWSXW	3HDN 2II VWDWH &XUUHQW (LWKHU)U 'LUHFWLRQ		I_{OFF}	9 5DWHG 9			"	Q$
	3HDN 2Q VWDWH 9ROWDJH (LWKHU 'LUHFWLRQ		V_{ON}	70 P$,				9
	&XUUHQW RI 2II VWDWH YROWDJH		$I_{L(OFF)}$	9 5DWHG 9 G9 GW	·			9 V
7UDQVIHU &KDUDFWHULVWLFV	/(' 7UDQVIHU &XUUHQW	-2&6= $	I_T	7HUPLQDO 9ROWDJH 9 ,70 P$				P$
		-2&6= $						
		-2&6= %						
		-2&6= %						
		-2&6= &						
		-2&6= &						
	+ROGLQJ &XUUHQW		I_H	,70 P$) 5DWHG ,				$
	,VRODWLRQ 5HVLVWDQFH		R_{ISO}	'& 9 a 5 +				
	)ORDWLQJ &DSDFLWDQFH		C_{OFF}	9 I 0+]	&			S)
	5HVSRQVH 7LPH WR		t_{ON}	9' 9 5/) P$				V
=HUR FURVVLQJ &KDUDFWHULVWLFV	,QKLELW 9ROWDJH		V_{IH}	) 5DWHG ,				
	/HDNDJH LQ ,QKLELWHG 6WDWH		$I_{L(OFF)}$	) 5DWHG , 9 5DWHG 9				P$

NOTE3 d •š À}oš P uµ•šÁ]šZ‰v‰o] š O **NOTE4** v •(XŒ š} &]PXíð ˜ &]PXíñ

ORDERING INFORMATION



Characteristics Curves

FIG.1: 0D[$OORZDEOH /(')RUZDUG &XUUHQW YV 7HPSHUDWXUH

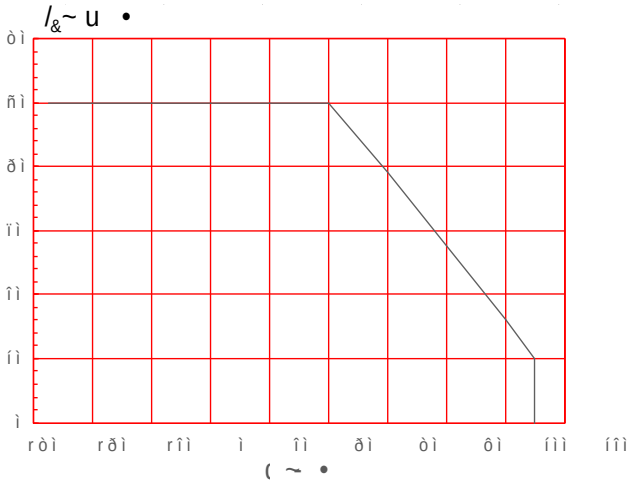


FIG.2: 2QQWYDWH 7HUPLQDO &XUUHQW YV 7HPSHUDWXUH

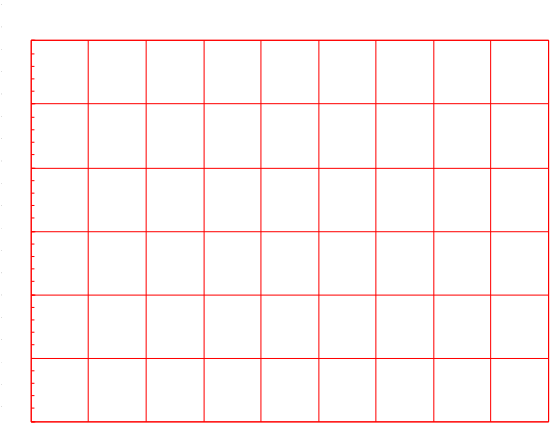
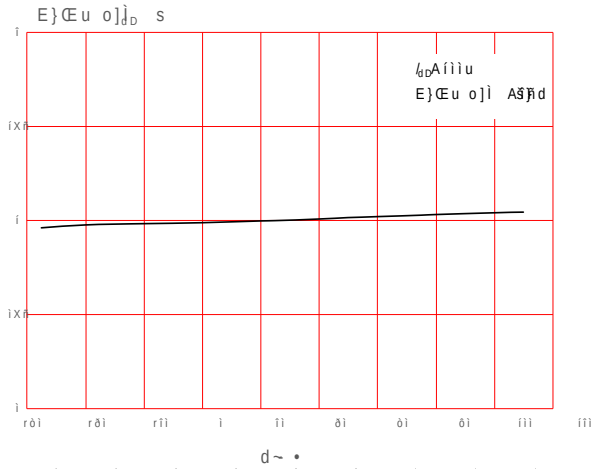
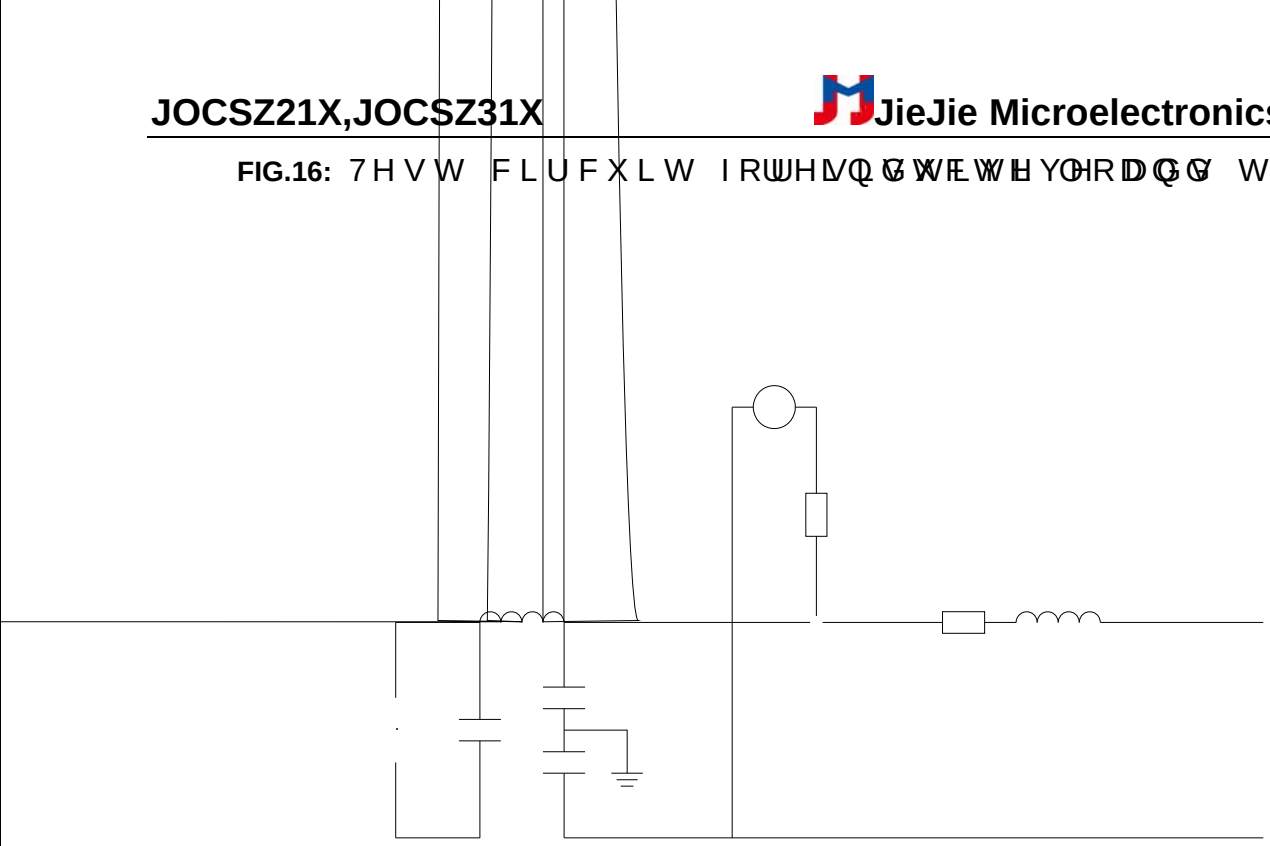


FIG.7: 1RUPDOL]HG 2QUHVLVWDQFH9VWHPSHUDWXUH **FIG.8:** 1Q VWDWH 7HUPLQDO 9ROWD,
$PELHQW 7HPSHUDWXUH 7HUPLQDO &XUUHQW



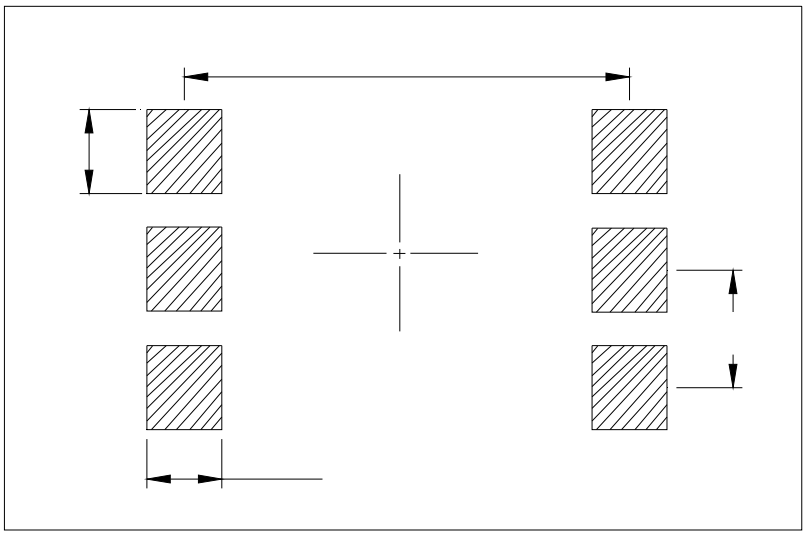
JOCSZ21X,JOCSZ31X

FIG.16: 7 H V W F L U F X L W I R U W H V W L Q J W K H Y R O W D J H R I W K H , (&



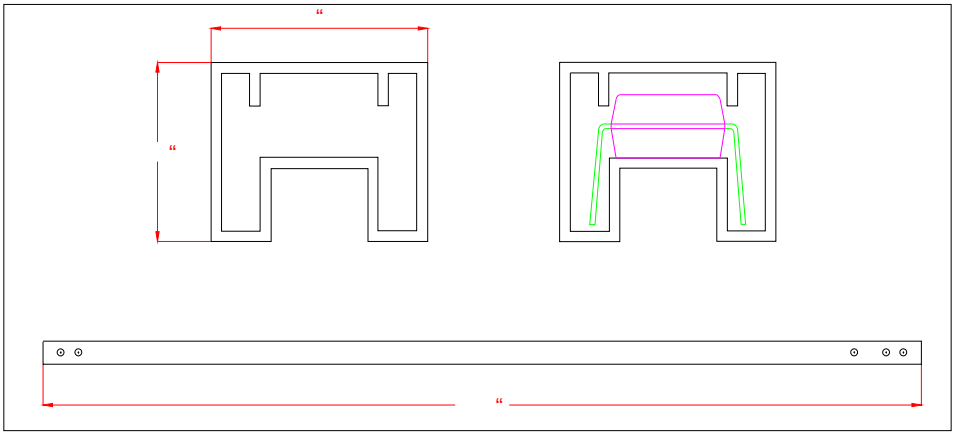
RECOMMENDED SOLDER MASK (Dimensions in mm unless otherwise stated)

Option SMD



TUBE SPECIFICATIONS (Dimensions in mm unless otherwise stated)

Standard DIP



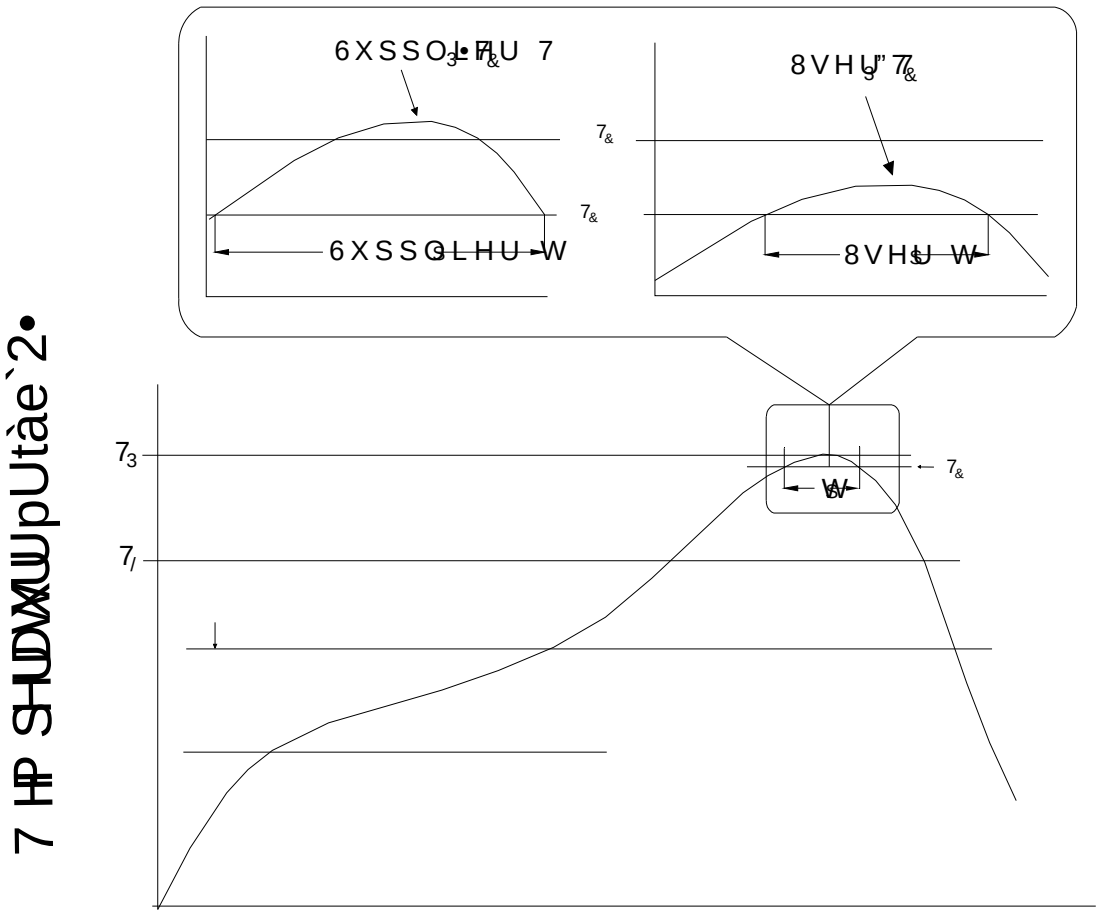
CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)

Option S

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



1RWH

5HIORZ VROGHULQJ LV UHFRPPHQGHG DW WKH WHPSHUDWXUHV DO