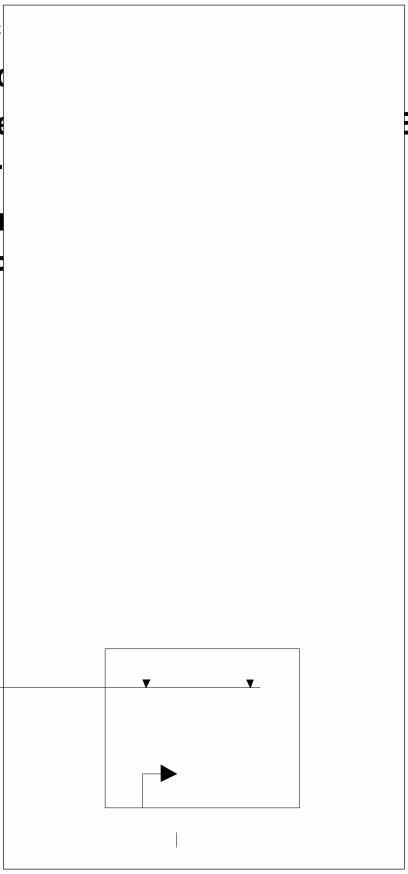
JOCMA2AC-D6P/S Series

Rev.A.1.0

DESCRIPTION:



TOe producPs Mre r6e-lpMiynsoB pTPiecoMelQic
MnAlGMAs infrMrieoddemiinPpiuPgsPMge c
coupledPoMOigO-QolPMge ouPpuPde 3 TOe d
consisPs of MOigO-lsPMieedpiOodPeQMrr
circuiPryB TOe pdreoldyuucBseMrienRMccur
MuPomoPiQe NMPPery mMnMgemenPsysP NMPPer
Mnd poRer sysPem insulMPionPesPi conPr
EMRCreed relMy replMcemenPB

MAIN FEATURES:

HigOisoDlMPi oVnms

Single cOMnnel ndremMPollyeonsSSingg

OperMPing PemrpMenrgMePu-r40 ÁFPo 110 ÁF

REAFH & RoHS compliMnce

HBM: H3A; MM: M4; FGM: F3

FQFMpproQed

VGEMpproQed

UlMpproQed

ABSOLUTE MAXIMUM RATINGS (TemperMPure = 2DÁF)

Parameter		Symbol	Value	Unit
Input	**Forward Current**	FI	**50**	**mA**
	Peak Forward Current	I_{FP}	1^7	$
	5HYHUVH 9ROWDJH	9_5		
	3RZHU 'LVVLSDWLRQ	$3_'$		
2XWSXW	6ZLWFKLQJ 9ROWDJH	2	9	
	&RQWLQXRXV /RDG &XUUHQW	2		
	3RZHU 'LVVLSDWLRQ	$3_&$		P:
2SHUDWLQJ 7HPSHUDWXUH		7_{RSU}	a	
-XQFWLRQ 7HPSHUDWXUH		7_M		
6WRUDJH 7HPSHUDWXUH		7_{VWJ}	a	
7RWDO 3RZHU 'LVVLSDWLRQ		3_{WRW}		P:
,VRODWLRQ 9ROWDJH		9_{LVR}	8	9UPV

Solderin g Temperature	T_{sol}	260	

NOTE1 í ì ì … • ‰ íµì ò ,•Ì (ÜŒ ‹ µ v Ç

NOTE2 (} Œ í u] v µ š U Z X , X A ð ì • ò ì 9

ELECTRICAL CHARACTERISTICS (Temperature = 25 Á C)

Parameter		Symbol	Condition	Min.	Typ.	Max.	Unit
Input	Forward Voltage	V_F	I_F = 10mA	-	1.2	1.5	V
	Reverse Current	I_R	V_R = 6V	-	-	1	ε A
	Terminal Capacitance	C_t	V = 0, f = 1MHz	-	70	-	pF
	Reset Current	$I_{F(OFF)}$	$I_O = \phi_{(MAX)}$	0.1	-	-	mA
Output	Open-circuit leakage current	I_{Leak}	V_O =				

ORDERING INFORMATION

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Characteristics Curves

FIG.1: Forward Current vs. Forward Voltage

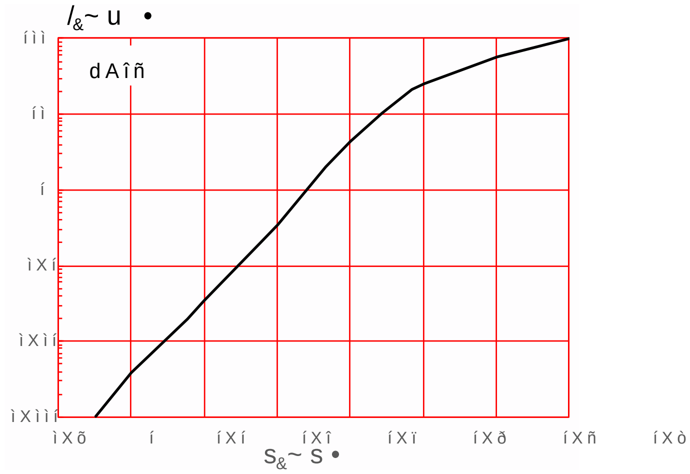


FIG.2: Max. Allowable LED Forward Current vs. Ambient Temperature

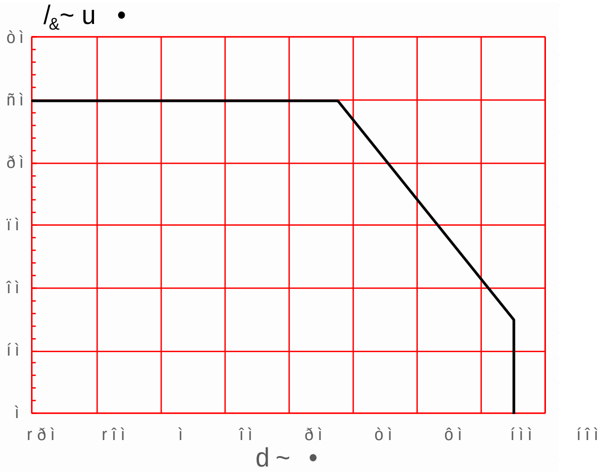


FIG.3: LED Operate Current vs. Ambient Temperature

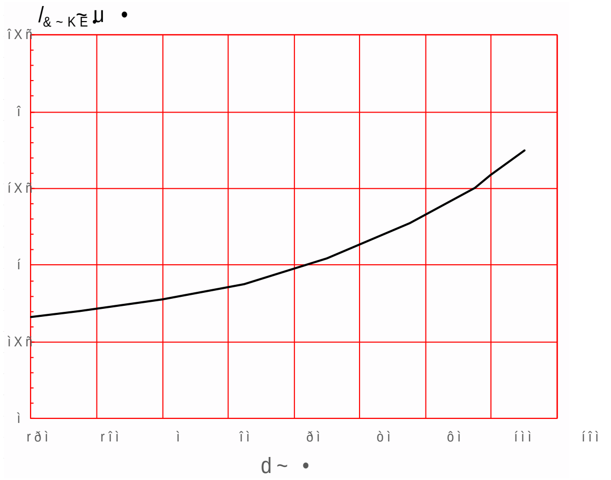


FIG.4: On Resistance vs. Ambient Temperature

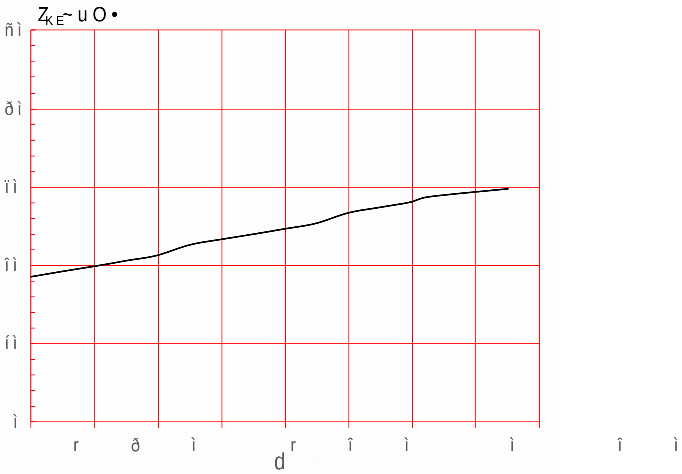


FIG.5: Turn On Time vs. Ambient Temperature

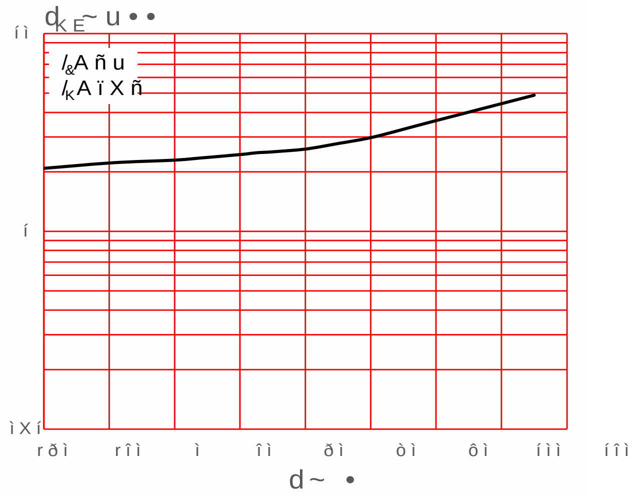
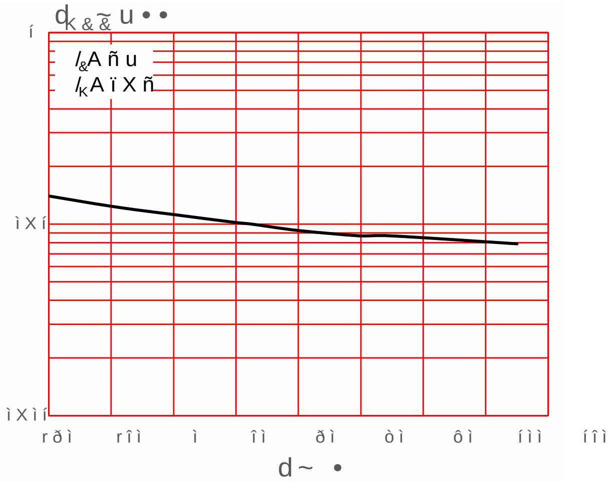
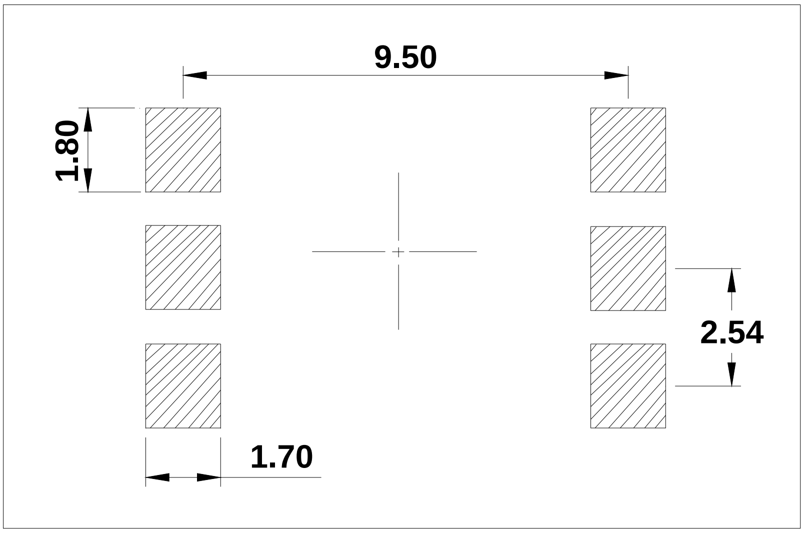


FIG.6: Turn Off Time vs. Ambient Temperature



RECOMMENDED SOLDER MASK (Dimensions in mm unless otherwise stated)

Option SMD



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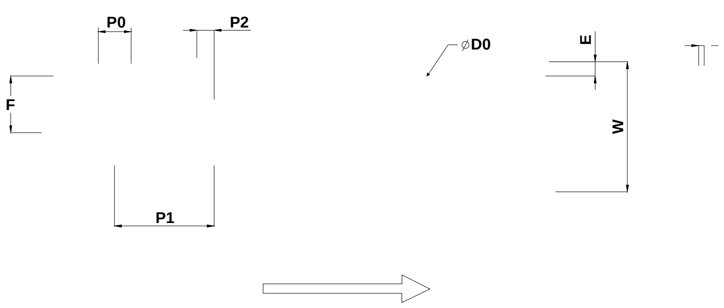
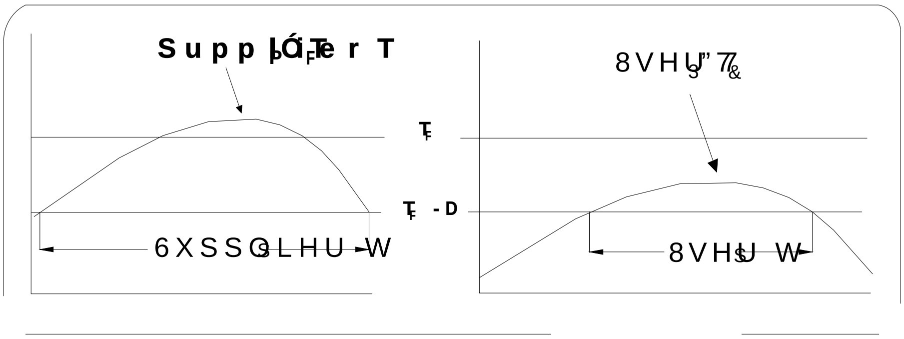
CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)

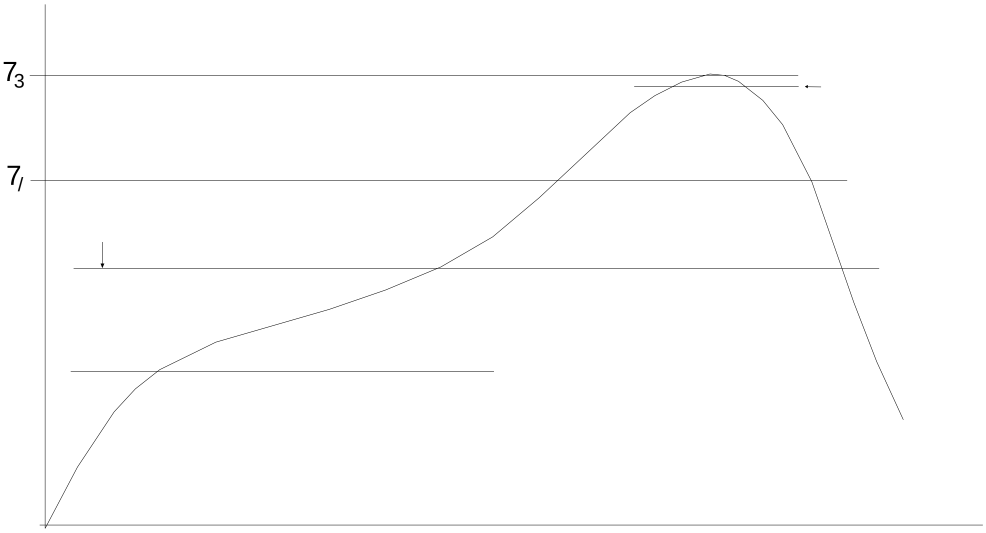
Option S/L



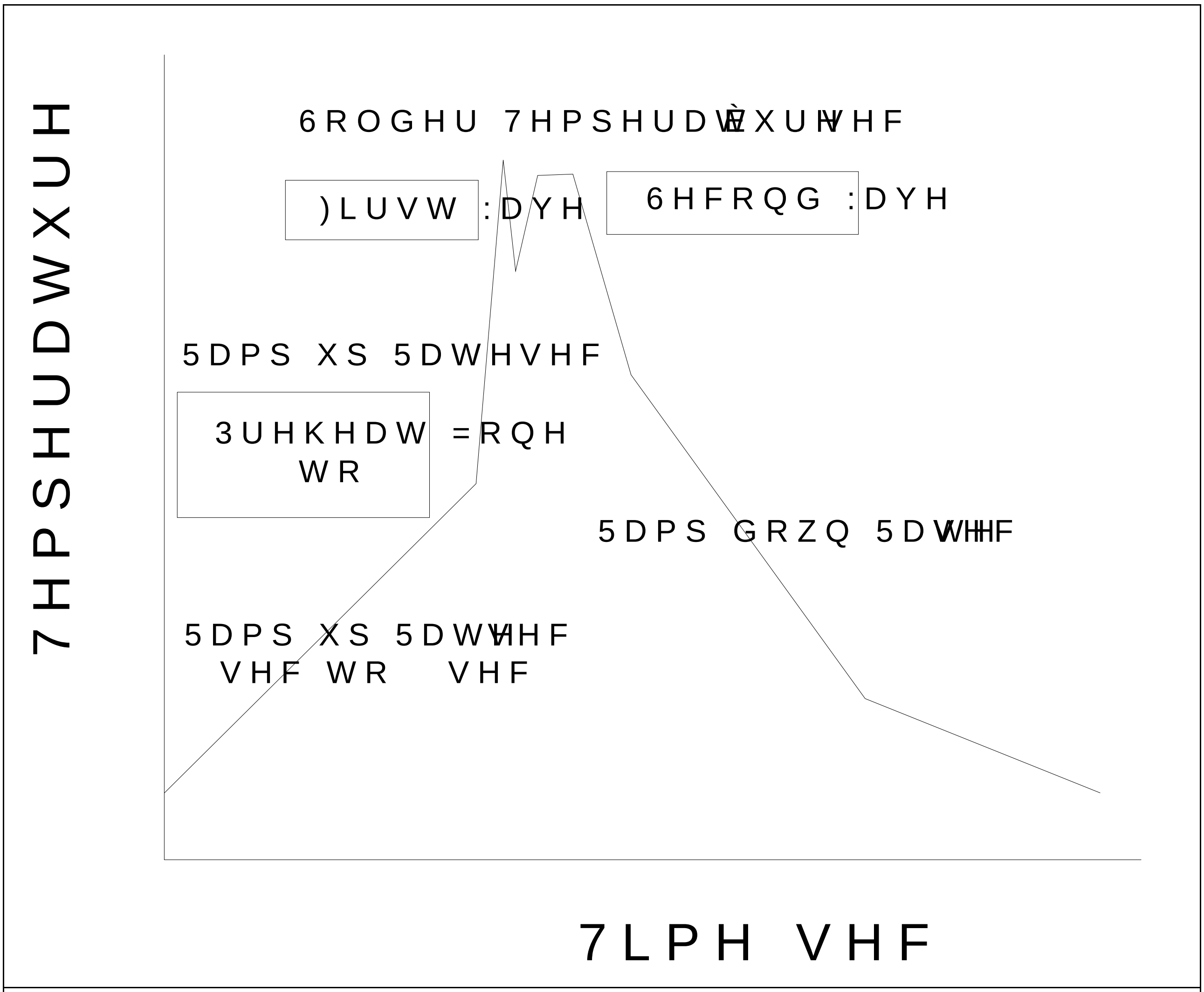
Ref	Dimensions					
	Millimeters			Inches		
	Min	Typ	Max	Min	Typ	Max
D						
P						
P						
P						
E						
F						
T						
W						

REFLOW INFORMATION





WAVE SOLDERING



HAND SOLDERING BY SOLDERING IRON

6ROGHULQJ 7HPSHUDWXUH	f
6ROGHULQJ 7LPH	V PD[

Note:

1. Reflow soldering is recommended at the temperatures and time shown, no more than three times.

2. Avoid direct contact between the epoxy body and any tools or surfaces exceeding its maximum storage temperature.

3. Application of pressure on the epoxy body is prohibited at elevated temperatures. In specific scenarios, any applied force must not exceed 2.5N.

4. Ensure the component has cooled to ambient temperature before proceeding with any subsequent manufacturing steps.

5. The component has a shelf life of [illegible]