

CUSTOMER : SILICONEXPERT
客 戶
(PE48AA3)

NO : BFX1430027
編號

APPROVAL SHEET

承認書

PARTS ALUMINUM ELECTROLYTIC CAPACITOR

品 名 : 鋁 質 電 解 電 容 器

USER P/N

客戶產品編號 :

JAMICON P/N

凱美產品編號 : TKP470M1ED11M

SIGNATURE (承認欄)

KAIMEI ELECTRONIC CORP. (FONG TIEN FACTORY)
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JAMICON 凱美電機股份有限公司

	CHECKER	DESIGNER
	確 認	作 成
	副 理 FEB.13.14 王 勝	技術部 FEB.13.14 張 燕

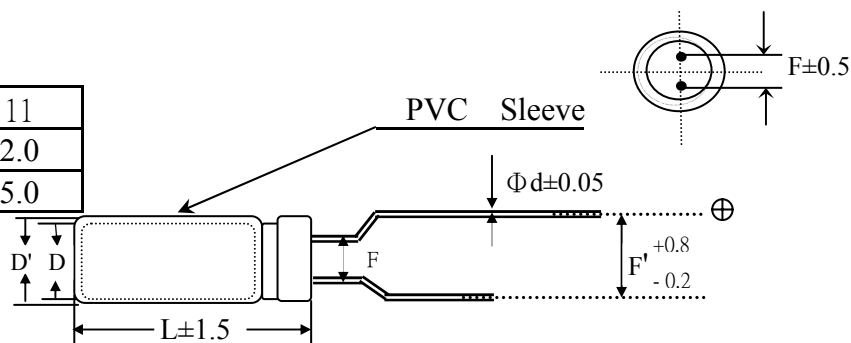
JAMICON

ELECTROLYTIC CAPACITOR SPECIFICATION

CUSTOMER		SILICONEXPERT	
CODE	YOUR		NO. BFX1430027
	OUR	TKP470M1ED11M	DATE 2014/3/13
LOT NO.			POLARITY
CASE SIZE		5 × 11	
SERIES	TK	TYPE	
		P	
RATED VALUE		47 μ F	25 WV

DIMENSIONS (mm)

D	5 Φ	L	11
D'	$\leq D+0.5$	F	2.0
d	0.5 Φ	F'	5.0



Operation temperature range		-	55 °C	~	+	105 °C
Capacitance Tolerance		-	20 %	~	+	20 %
Surge Voltage		32 VDC				
Leakage Current		I≤	11.75	(μA)after 3 minutes	20 °C	
Dissipation Factor		≤	15 (%)	120Hz	20 °C	
Ripple Current		max	95 (m A)	120Hz	105 °C	
Low Temperature Stability		Impedance Ratio At 120Hz				
		Z-25°C / Z+20°C		2 MAX		
		Z-40°C / Z+20°C		4 MAX		
Load Test		After 2000 Hrs At 105 °C				
		Capacitance Change		≤± 20 % of initial value		
		D.F.(tanδ)		≤ 200 % of initial specified value		
		Leakage Current		≤ initial specified value		
		Out Look		Should be without any change		
Teminal Strength	Pull Test	0.5		kg	10±1	sec
	Bend Test	0.25		kg	1	cycle
Resistance to soldering heat		260 ± 5°C				
		10 ± 1sec				
Storage Temperature		5 °C		~	35 °C	

TEST FREQ.:120Hz	TEST TEMP:20°C	REFERENCE STANDARD: JIS C5101-4
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SU ZHOU KAIMEI ELECTRONIC LTD.

CHECKED

DESIGNED

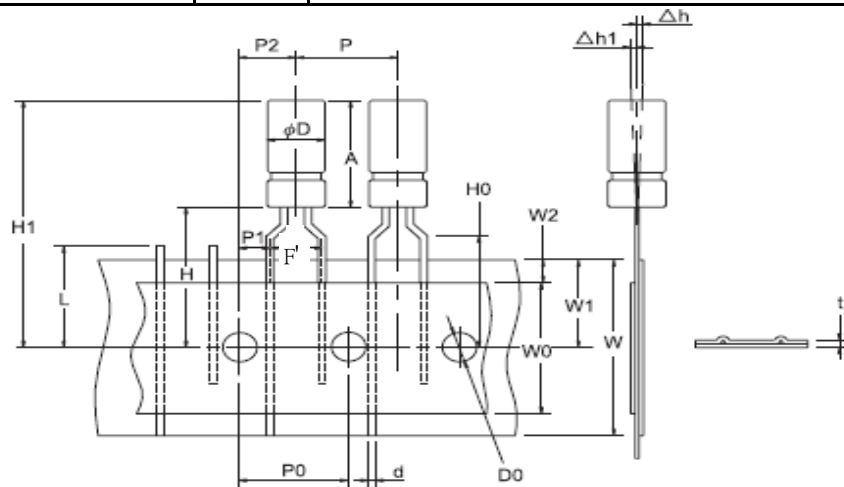
副理
MAR.13.14
王勝

技術部
MAR.13.14
張燕

SE410-28B

ALUMINUM ELECTROLYTIC CAPACITOR SPECIFICATIONS

Item	Symbol	Case size	Tolerance
		5×11	
Lead wire diameter	d	0.5	±0.05
Body height	A	11.0	±1.5
Intervals of bodies	P	12.7	±1.0
Intervals of punched holes	P ₀	12.7	±0.2
Distance between holes and lead wire	P ₁	3.85	±0.7
Distance between holes and bodies	P ₂	6.35	±1.0
Distance between lead and lead	F'	5.0	+0.8/-0.2
Base tape width	W	18.0	±0.5
Adhesive tape width	W ₀	8.0	min
Deviation between holes and base tape	W ₁	9.0	±0.5
Deviation between adhesive and base tape	W ₂	1.5	max
Distance between body bottom and tape center	H	18.5	±0.5
Lead wire clinched hight	H ₀	16.0	±0.5
Distance between body top and tape center	H ₁	32.5	max
Punched hole diameter	D ₀	4.0	±0.3
Length of not good lead slit	L	11.0	max
Base and adhesive tape thicknees	t	0.6	±0.3
Deviation of body alignment	Δ h	0	±2.0
Deviation of body alignment	Δ h ₁	0	±1.0



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