

CUSTOMER : **ROPLA**

客 戶  
(PE48AA3)

NO : **BFX12B0056-1**

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 : TLR821M1EG20R

SIGNATURE (承認欄)



KAIMEI ELECTRONIC CORP. (FONG TIEN FACTORY)  
No.51, Fong Tien Rd., Fong Tien Industry Park,  
Yin-Lin Hsian 63147, Taiwan, R.O.C.  
TEL:886-5-5915366 FAX:886-5-5916628

SUZHOU KAIMEI ELECTRONIC LTD.  
No.68, Wen Du Rd., Wang Ting Town  
Wuxian Municipality, Jiangsu Province 215155, the PRC  
TEL:86-512-6-5389847 FAX:86-512-6-5382688

KAIMEI ELECTRONIC (H.K.) LTD.  
10th Industry Area, 2nd Donghuan, Longhua,  
Shenzhen City 518109, the PRC  
TEL:86-755-28135359 FAX:86-755-28135384

FORMOSA PROSONIC ELECTRONIC SDN BHD.  
No.3, Lebu 2, Bandar Sultan Suleiman,  
Taiwanese Industrial Park, 42000 Port Klang,  
Selangor Darul Ehsan, Malaysia  
TEL:60-3-31762700 FAX:60-3-31762713

**JAMICON** 凱美電機股份有限公司

	CHECKER	DESIGNER
	確 認	作 成
		

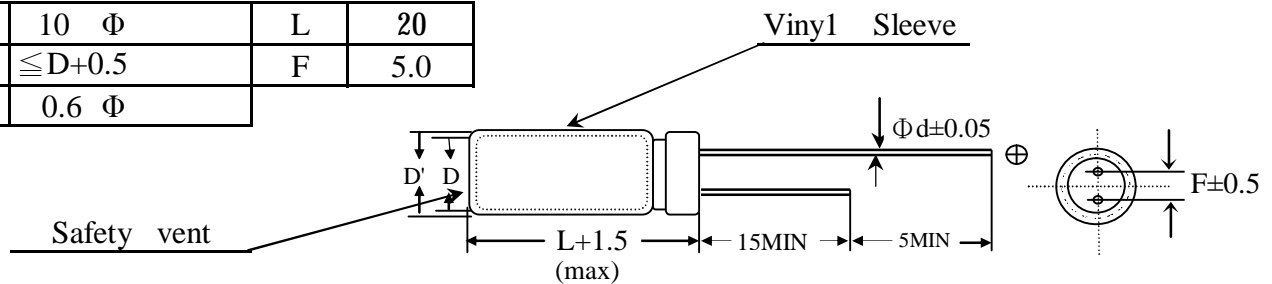
**JAMICON**

## ELECTROLYTIC CAPACITOR SPECIFICATION

CUSTOMER		ROPLA	
CODE	YOUR		NO. BFX12B0056-1
	OUR	TLR821M1EG20R	DATE 2012/11/26
LOT NO.			POLARITY
CASE SIZE		10 × 20	
SERIES	TL	TYPE	R
RATED VALUE		820 $\mu$ F	25 WV

## DIMENSIONS (mm)

D	10 $\Phi$	L	20
D'	$\leq D+0.5$	F	5.0
d	0.6 $\Phi$		



Item	Characteristics	
Operation temperature range	- 40 °C	~ + 105 °C
Capacitance Tolerance	- 20 %	~ + 20 %
Surge Voltage	32 VDC	
Leakage Current	$I \leq 205.0$ ( $\mu$ A) after 2 minutes 20 °C	
Dissipation Factor	$\leq 14$ (%)	120Hz 20 °C
Ripple Current	max 1900 (m A)	100kHz 105 °C
IMP.	< 0.023 ( $\Omega$ )	100kHz 20 °C
Low Temperature Stability	Impedance Ratio At 120Hz	
	Z-25°C / Z+20°C	2 MAX
	Z-40°C / Z+20°C	3 MAX
Load Test	After 5000 Hrs At 105 °C	
	Capacitance Change	$\leq \pm 25$ % of initial value
	D.F.(tan $\delta$ )	$\leq 200$ % of initial specified value
	Leakage Current	$\leq$ initial specified value
	Out Look	Should be without any change
Teminal Strength	Pull Test	1.0 kg 10 $\pm$ 1 sec
	Bend Test	0.5 kg 2 cycle
Resistance to soldering heat	260 $\pm$ 5°C	
	10 $\pm$ 1sec	
Storage Temperature	5 °C ~ 35 °C	

TEST FREQ.:120Hz

TEST TEMP:20°C

REFERENCE STANDARD: JIS C5101-4

**SU ZHOU KAIMEI ELECTRONIC LTD.**

CHECKED

DESIGNED

 副理  
 NOV.26.12  
 王勝

 技術部  
 NOV.26.12  
 張燕

SE410-28B