# 阅读申明

- 1.本站收集的数据手册和产品资料都来自互联网,版权归原作者所有。如读者和版权方有任何异议请及时告之,我们将妥善解决。
- 2.本站提供的中文数据手册是英文数据手册的中文翻译,其目的是协助用户阅读,该译文无法自动跟随原稿更新,同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
- 3.本站提供的产品资料,来自厂商的技术支持或者使用者的心得体会等,其内容可能存在描 叙上的差异,建议读者做出适当判断。
- 4.如需与我们联系,请发邮件到marketing@iczoom.com,主题请标有"数据手册"字样。

# **Read Statement**

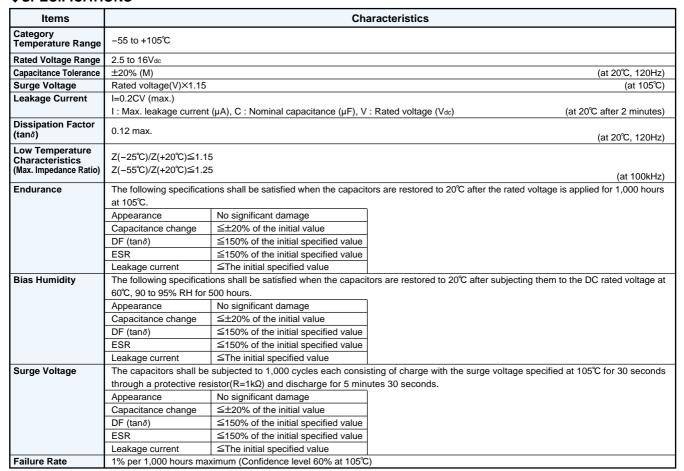
- 1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.
- 2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.
- 3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.
- 4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets" .



# NPCAP™-PXC Series

- Super low ESR, impedance and high heat resistance have been obtained by using conductive polymer as electrolyte.
- (ESR and rated ripple current values are improved from PXA series.)
- ■Rated voltage range : 2.5 to 16Vdc, Capacitance range : 27 to 470µF
- ◆Case size range : \$\phi 5\times 5.7L\$ to \$\phi 8\times 6.7L\$
- Suitable for DC-DC converters, voltage regulators and decoupling applications used to computer motherboards etc.
- ●RoHS Compliant

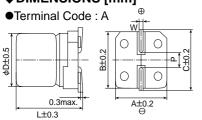
### **SPECIFICATIONS**



<sup>\*</sup>Note: If any doubt arises, measure the leakage current after following voltage treatment.

Voltage treatment: DC rated voltage are applied to the capacitors for 120 minutes at 105°C.

## **♦DIMENSIONS** [mm]

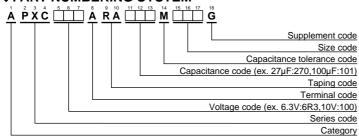


Size code	φD	L	Α	В	С	W	Р
E60	5	5.7	5.3	5.3	5.9	0.5 to 0.8	1.4
F60	6.3	5.7	6.6	6.6	7.2	0.5 to 0.8	1.9
H70	8	6.7	8.3	8.3	9.0	0.7 to 1.1	3.1
		-					

#### **♦**MARKING



### **◆PART NUMBERING SYSTEM**



Category Please refer to "A guide to global code (conductive polymer type)"





#### **STANDARD RATINGS**

WV(Vdc)	Cap(μF)	Size code	ESR(mΩ	max/20℃)	Rated ripple current	Part No.	
			100kHz	300kHz(Ref. value)	(mArms/100k to 300kHz) -55 to +105℃		
2.5	180	E60	30	22	2,000	APXC2R5ARA181ME60G	
	270	F60	20	18	2,700	APXC2R5ARA271MF60G	
	470	H70	17	16	3,420	APXC2R5ARA471MH70G	
4	150	E60	30	22	2,000	APXC4R0ARA151ME60G	
	220	F60	21	19	2,640	APXC4R0ARA221MF60G	
	330	H70	18	17	3,300	APXC4R0ARA331MH70G	
6.3	100	E60	35	26	1,780	APXC6R3ARA101ME60G	
	180	F60	22	19	2,580	APXC6R3ARA181MF60G	
	220	H70	18	17	3,300	APXC6R3ARA221MH70G	
10	56	E60	40	31	1,660	APXC100ARA560ME60G	
	82	F60	23	21	2,400	APXC100ARA820MF60G	
	150	H70	20	19	3,160	APXC100ARA151MH70G	
16	27	E60	45	35	1,570	APXC160ARA270ME60G	
	39	F60	25	23	2,300	APXC160ARA390MF60G	
	82	H70	25	23	2,830	APXC160ARA820MH70G	