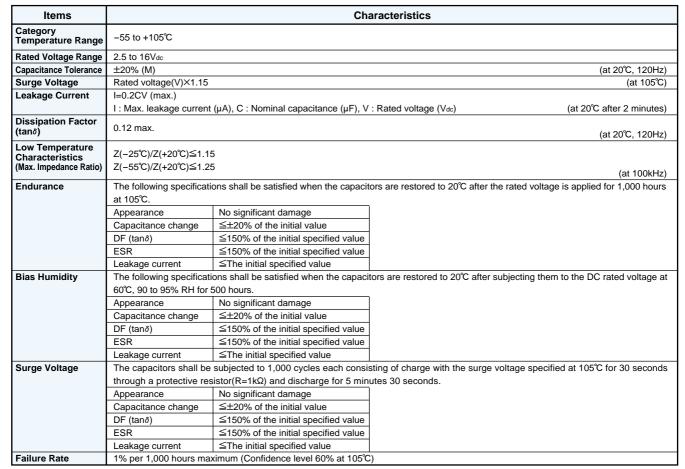


NPCAP™-PXC Series

- 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

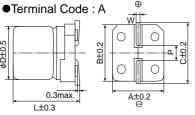
SPECIFICATIONS



*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]

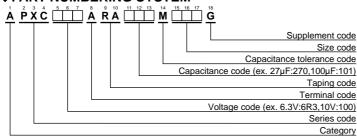


Size code	φD	L	Α	В	С	W	Р
E60	5	5.7	5.3	5.3	5.9	0.5 to 0.8	1.4
F60	6.3	5.7	6.6	6.6	7.2	0.5 to 0.8	1.9
H70	8	6.7	8.3	8.3	9.0	0.7 to 1.1	3.1
	•		•				

◆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(mΩmax/20°C)		Rated ripple current	D. (N)	
			100kHz	300kHz(Ref. value)	(mArms/100k to 300kHz) -55 to +105℃	Part No.	
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	

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MAL218497801E3	MAL218397005E	MAL218297003E3	MAL218397603E3	MAL218297802E3	MAL218497701E3	MAL218697502E3
MAL218397102E3	MAL218297804E	MAL218497902E3	MAL218497804E3	MAL218297001E3	MAL218697005E3	MAL218697509E3
MAL218397806E3	MAL218297603E	MAL218397604E3	MAL218697106E3	MAL218297005E3	MAL218397106E3	MAL218297103E3
MAL218697108E3	MAL218497903E	MAL218497703E3	MAL218297701E3	MAL218297101E3	MAL218397104E3	MAL218397801E3
MAL218297604E3	MAL218397803E	MAL218697601E3	MAL218697554E3	MAL218697607E3	MAL218397805E3	MAL218297105E3
MAL218397702E3	MAL218697104E	3 MAL218297702E3	MAL218497901E3	MAL218497806E3	3 MAL218697001E3	EEF-CX0J221YR