

ALUMINUM ELECTROLYTIC CAPACITORS

Part Number Instruction

1	2~3	4~6	7	8~10	11~12	13	14	15	16~17	18
<u>K</u>	<u>SK</u>	<u>107</u>	<u>M</u>	<u>6R3</u>	<u>S1</u>	<u>A</u>	<u>1</u>	<u>C</u>	<u>11</u>	<u>K</u>
TYPE	SERIES	CAP	TOL.	VOLTAGE	LEAD	SPEC.	SLEEVE	CASE SIZE	LENGTH	OTHERS

Code 1 Type

Code	Model Type
K	Standard Dip Type (PET sleeve)
V	SMD (V-chip) Type (Nylon coating)
S	Snap-in Type (PET sleeve)
P	Conductive Polymer Aluminum Solid Capacitor

Code 2~3 Series Name (as content page 6 to page 8)

Code 4~6 Capacitance

0.47μF	=	474
4.7μF	=	475
47μF	=	476
470μF	=	477
4700μF	=	478

Code 7 Tolerance

M = ±20% , K = ±10% , V = +20 ~ -10%

Code 8~10 Voltage

2.5V	=	2R5	100V = 100
5V	=	005	450V = 450
6.3V	=	6R3	
63V	=	063	

Code 11~12 Lead Process

Explanation for code 11

S : Standard T : Ammo tape R : Reel tape
 C : Straight cut K : Kink(Crimp)cut F : Formed cut

Code 11&12	Description
S	0 Standard SMD type
	1 Standard Dip & Snap-in type
T	1 Standard ammo tape (pitch 5mm for dia. ~ 13mm)
	2 Ammo tape with straight lead (available for dia. 4~8mm)
	4 Ammo formed tape with pitch 2.5mm (available for dia.4~5mm)
R	1 Standard reel tape (pitch 5mm for dia.~ 10mm)
	2 Reel tape with straight lead (available for dia. 4~8mm)
	3 Reel formed tape with pitch 2.5mm (available for dia.4~5mm)

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Code 11&12		Description
C	3	Straight cut lead with L : 3.2+/-0.5mm
	5	Straight cut lead with L : 4.0+/-0.5mm
	7	Straight cut lead with L : 5.0+/-0.5mm
K	2	Kink cut lead with L : 4.5+/-0.5mm
F	6	Forming cut lead with L : 4.0+/-0.5 (Pitch : 5mm)

Code 13 Special Specification

A : Standard	D : Impedance	H : Customer requirements	U : Special packaging
B : DF (tanδ)	E : Ripple current	K : Above life specified in catalog	V : Sleeve
C : ESR	F : Leakage current	L : Pins or Wire diameter	W : Capacitance

Code 14 Sleeve Code

Code	Series	Color
1	SK	Dark blue with white printing
5	S5,D5,H5,S7,D7,H7,SH,SG,SP,SB,SY, SR,BX,LH,LG,LJ,LF,SQ,LQ,AK,ST,TH,TG,TP,TA CG,TB,LM,TE,LS,LK	Black with white printing
6	TC	Black with golden printing
B	SE	Brown with white printing
C	SC	Green with golden printing
H	SZ	Royal blue with golden printing
N	GV,FV,SV,DV,ZV,YV,EV,JV,XV,HV,CV,NV CG,CP,CY,CZ,CR,CX,CF,CS,CH,CT,VP,VB,VS	(SMD standard pack & POLYMER)

Code 15~17 Size Code

Code 15 : Case Size

Code	A	B	C	D	E	F	G	H	J
Case Size	3	4	5	6	6.3	7	8	10	12

Code	K	L	M	N	P	Q	R	S	T
Case Size	12.5	13	16	18	20	22	25	30	35

Code 16~17 : Length

For ECAP-DIP & POLYMER-DIP & SNAP-IN

Code	05	07	09	10	1A	11	1B	12	1C	13	14
Length	05	07	09	10	10.5	11	11.5	12	12.5	13	14

Code	15	16	17	20	25	30	32	35	36	40	50
Length	15	16	17	20	25	30	32	35	36	40	50

Note: For the part hasn't been mentioned above, the Code is the same with Length.

For V-CHIP SMD

Code	01	02	03	04	05	06
LENGTH	5.4	6.2	10.2	7.7	13.5	16、16.5

For POLYMER SMD

Code	A1	A2	A3	A4	A5	A6	A7	A8
LENGTH	5.8	6.0	6.7	7.7	10.0	10.4	12.0	12.2

E.G. (For Code15~17) :

Code	Size	Description
B01	4*5.4	For V-CHIP SMD
C11	5*11	For ECAP-DIP & POLYMER-DIP
Q25	22*25	For SNAP-IN
EA1	6.3*5.8	For POLYMER SMD

Code 18 Other special instructions (“K” for TEAPO standard,“ 0 ” for LUXON standard)