6.1.2 Ceramic Fixed Chip

CAPACITORS, CERAMIC, FIXED, CHIP, TYPE				**109Prev1**
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3009 Detail ESCC	AVX St Apollinaire France	Qualification	CNES	Feb 1983
		Remarks:		
3009/003, 3009/004, 3009/005, 3009/006, 3009/022				

Qualified range:

Variants 03 and 06 are qualified

Style	Model	Detail Spec	Variants	Capacitance Range (pF)	Rated Voltage (V)	Tolerance (+%)	TC (ppm/ºC)
0805	A_12C	3009/003	03, 06	4.7 to 9.1 10 to 1 500 1800 to 2200	50, 100 50, 100 50	0.5pF 1, 2, 5, 10 1, 2, 5, 10	±30
1206	A_20C	3009/022	03, 06	10 to 3 900 4700	50, 100 50	1, 2, 5, 10	±30
1210	A_13C	3009/004	03, 06	22 to 6 800 8 200 to 10 000	50, 100 50	1, 2, 5, 10	±30
1812	A_14C	3009/005	03, 06	100 to 15 000	50, 100	1, 2, 5, 10	±30
2220	A_15C	3009/006	03, 06	470 to 33 000	50, 100	1, 2, 5, 10	±30

Operating Temp. Range (°C), -55 to +125

CAPACITORS, CERAMIC, FIXED, CHIP, TYPE II				110Prev1
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3009 Detail ESCC	AVX St Apollinaire France	Qualification	CNES	Feb 1983
		Remarks:		
3009/008, 3009/009, 3009/010, 3009/011, 3009/023				
Qualified range:				

Style	Model	Detail Spec	Variants	Capacitance Range			Rated Voltage	Tolerance (+%)
0805	A_12G	3009/008	03, 06	820 820 820	to to to	47 000 27 000 10 000	25 50 100	5, 10, 20 5, 10, 20 5, 10, 20
0805	A612Z	3009/008	07, 10	2 700 2 700 2 700 330	to to To to	150 000 100 000 47 000 15 000	25 50 100 200	5, 10, 20
1210	A_13G	3009/009	03, 06	3 900 3 900 3 900	to to to	220 000 150 000 47 000	25 50 100	5, 10, 20 5, 10, 20 5, 10, 20
1210	A613Z	3009/009	07, 10	3 900 3 900 3 900 680	to to to to	470 000 330 000 220 000 68 000	25 50 100 200	5, 10, 20
1812	A_14G	3009/010	03, 06	6 800 6 800 6 800	to to to	470 000 270 000 82 000	25 50 100	5, 10, 20 5, 10, 20 5, 10, 20
1812	A614Z	3009/010	07, 10	22 000 22 000 22 000 3 300	to to to to	1 000 000 680 000 470 000 150 000	25 50 100 200	5, 10, 20
2220	A_15G	3009/011	03, 06	18 000 18 000 18 000	to to to	1 000 000 680 000 180 000	25 50 100	5, 10, 20 5, 10, 20 5, 10, 20
2220	A615Z	3009/011	07, 10	100 000 100 000 100 000 6 800	to To To to	2 200 000 1 500 000 1 000 000 330 000	25 50 100 200	5, 10, 20
1206	A_20G	3009/023	03, 06	2 200 2 200 2 200	to to to	100 000 68 000 22 000	25 50 100	5, 10, 20 5, 10, 20 5, 10, 20
1206	A620Z	3009/023	07, 10	3 300 3 300 3 300 470	to to To to	220 000 150 000 100 000 47 000	25 50 100 200	5, 10, 20
Operating Temperature Range (°C), -55 to +125								