

SE

Array-type SLC

1 Features

- ◆ Small size, high accuracy, rugged construction, stable performance;
- ◆ Gold electrode is compatible with gold wire, gold strip etc;
- ◆ Save space and improve installation efficiency.



2 Applications

Widely applicable to optical and wireless communication equipment. The functional applications are D.C. blocking, bypassing, filtering, coupling, tuning, matching etc in high frequency and micro-wave circuits.

3 How to order

SE	4	25	2X1	2A	101M	C	C	01
Type	Termination configuration	Size	TCC	Rated Voltage	Capacitance& Tolerance	Termination	Packing	Design
Table 1	Table 2	Table 3	Table 4	Table 5	Table 6、7	Table 8	Table 9	Table 10

Table 1 Type	Table 2 Termination Construction	Drawing
SE: Array type SLC	3: 3 terminations 4: 4 terminations 6: 6 terminations	

Table 3 Case size code (mm)					
Case size code	W	L			T
		3 terminations	4 terminations	6 terminations	
15	0.381 ± 0.076	1.651 ± 0.127	2.159 ± 0.127	3.175 ± 0.127	0.12 ~ 0.35
20	0.508 ± 0.076				
25	0.635 ± 0.076				
30	0.762 ± 0.076				
35	0.889 ± 0.076				
40	1.016 ± 0.076				
45	1.143 ± 0.076				
50	1.270 ± 0.076				

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Table 4 TCC	Operating temperature	Table 5 Rated Voltage	
AG、CG、UK VL、KL、DM	−55℃ ~ 125℃	1C	16V
2X1	−55℃ ~ 125℃	1E	25V
2F2	−55℃ ~ 85℃	1H	50V
2F4	−25℃ ~ 85℃	1J	63V
X7R、X7S	−55℃ ~ 125℃	2A	100V

Table 6 Nominal Capacitance
EIA Capacitance code in pF.1st two digit are significant figures of capacitance; 3rd digit denotes number of Zeros; R=decimal point; For examples: 103=10,000pF; 3R9=3.9pF.

Table 7 Capacitance Tolerance					
Nominal Capacitance < 10pF		Nominal Capacitance≥ 10pF			
Code	Tolerance (pF)	Code	Tolerance (%)	Code	Tolerance (%)
A	± 0.05	F	± 1	L	± 15
B	± 0.1	G	± 2	M	± 20
C	± 0.25	J	± 5	S	−20 ~ +50
D	± 0.50	K	± 10	Z	−20 ~ +80

Table 8 Termination	Table 9 Packing	Table 10 Design code
P: TiW/Au	C:Waffle box E:Blue film,7.87" blue film,no ring F:Blue film, 6 " ring	Design code: Blank if no special design; For special design, two digit number will be used , start from 01
T: TiW/Ni/Au		
C: NiCr/Au		
S: Special termination		

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4 Capacitance Value for Class 2 Ceramic					
Case size code	Rated Voltage	No. of Terminations	Capacitance Range (pF)		
			TCC	2X1	2F2
15	100V	3、4、6	min.	7.0	59
			max.	43	100
20	100V	3、4、6	min.	9.0	76
			max.	59	140
25	100V	3、4、6	min.	11	91
			max.	72	180
30	100V	3、4、6	min.	10	86
			max.	86	210
35	100V	3、4、6	min.	12	100
			max.	100	240
40	100V	3、4、6	min.	14	120
			max.	110	270
45	100V	3、4、6	min.	16	130
			max.	130	310
50	100V	3、4、6	min.	17	150
			max.	140	340

5 Capacitance Value for Class 3 Ceramic				
Case size code	Rated Voltage	No. of Terminations	Capacitance Range (pF)	
			TCC	X7R、X7S
15	25V、50V	3、4、6	min.	120
			max.	370
20	25V、50V	3、4、6	min.	150
			max.	500
25	25V、50V	3、4、6	min.	190
			max.	620
30	25V、50V	3、4、6	min.	240
			max.	730
35	25V、50V	3、4、6	min.	280
			max.	850
40	25V、50V	3、4、6	min.	320
			max.	960
45	25V、50V	3、4、6	min.	360
			max.	1100
50	25V、50V	3、4、6	min.	410
			max.	1200