

SF

Binary SLC

1 Features

- ◆ Small size, high accuracy, rugged construction, stable performance;
- ◆ Gold electrode is compatible with gold wire, gold strip etc;
- ◆ Capacitance increases by binary system, tuning facilitating and space saving.



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

SF	3	25	CG	2A	0R2M	C	C	01
Type	Termination Configuration	Case size code	TCC	Rated Voltage	Capacitance &tolerance	Termination	Packing	Design
Table1	Table2	Table3	Table4	Table5	Table 6、 7	Table8	Table9	Table 10

Table 1 Type	Table 2 Termination Construction	Drawing
SF: Binary SLC	3: 3 Terminations 4: 4 Terminations	

Table 3 Case size code (mm)					
Case size code	Capacitance&tolerance	Qty of terminations	L、W	T	Margin Width B
15	R08M	3	0.381 ± 0.254	$0.102^{+0.254}_{-0.022}$	0.051 ± 0.051
15	0R1M	3	0.381 ± 0.254	$0.152^{+0.254}_{-0.072}$	
20	0R1M	3	0.508 ± 0.254	$0.152^{+0.254}_{-0.072}$	
20	0R2M	3	0.508 ± 0.254	$0.152^{+0.254}_{-0.072}$	
25	R08M	3	0.635 ± 0.254	$0.102^{+0.254}_{-0.022}$	
25	0R2M	3	0.635 ± 0.254	$0.152^{+0.254}_{-0.072}$	
25	0R4M	3	0.635 ± 0.254	$0.152^{+0.254}_{-0.072}$	
35	0R1M	3	0.889 ± 0.254	$0.152^{+0.254}_{-0.072}$	
35	0R4M	3	0.889 ± 0.254	$0.152^{+0.254}_{-0.072}$	
40	0R5M	4	1.016 ± 0.254	$0.191^{+0.254}_{-0.111}$	

Table 4 TCC	Operating Temperature	Table 5 Rated Voltage	
AG、CG、UK VL、KL、DM	-55℃ ~ 125℃	1H	50V
		2A	100V

Table 6 Nominal Capacitance	Table 7 Torl.
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.	M: ±20%

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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 Electrode		

4 Capacitance Value for Class 1 Ceramic

Case size code	Rated Voltage (V)	Capacitance&Tolerance	Qty of terminations	Capacitance Values (pF)
15	50	R08M	3	0.08 , 0.15 , 0.3
15	100	0R1M	3	0.1 , 0.2 , 0.4
20	100	0R1M	3	0.1 , 0.2 , 0.4
20	100	0R2M	3	0.2 , 0.4 , 0.8
25	50	R08M	3	0.08 , 0.15 , 0.3
25	100	R02M	3	0.2 , 0.4 , 0.8
25	100	0R4M	3	0.4 , 0.8 , 1.6
35	100	0R1M	3	0.1 , 0.2 , 0.4
35	100	0R4M	3	0.4 , 0.8 , 1.6
40	100	0R5M	4	0.5 , 1 , 2 , 4