

SANSUI

COMMON PARTS LISTS FOR RESISTORS & CAPACITORS ONLY

Replacement Parts, most resistors & capacitors are common to Sansui models unless specified otherwise, therefore these resistors and capacitors in this list are not shown in parts lists of Service Manual. When replacing these parts, confirm the value, wattage (or capacity) and tolerance referring to this list and Schematic Diagram for easier check. When ordering parts, use the parts name and Stock No. referring to Parts Lists.

◇ TYPES OF COMMON RESISTORS & CAPACITORS

[Resistors]

- Carbon resistor 1/4W
- Solid resistor 1/4W

[Capacitors]

Ceramic capacitor

- 1) 50V Standard type
- 2) 50V Temperature compensation type

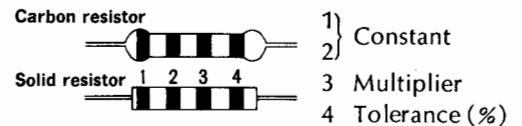
Mylar capacitor (50V)

Electrolytic capacitor (Vertical type)

- 1) Non-polar type (6.3V~80V)
- 2) Polar type (6.3V~80V)
- 3) Polar type (25V & 50V)
(low noise)

◇ Resistors

— How to read color cord —



For example:

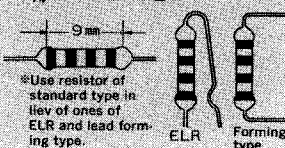
1. Brown
2. Red
3. Orange
4. Silver

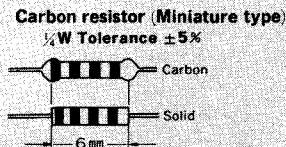
$$12 \times 10^3 (\Omega) \pm 10\%$$

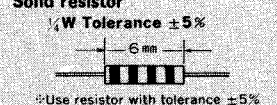
$$12k\Omega \pm 10\%$$

Color	1	2	3	4
Black	0	0	10 ⁰	
Brown	1	1	10 ¹	
Red	2	2	10 ²	
Orange	3	3	10 ³	
Yellow	4	4	10 ⁴	
Green	5	5	10 ⁵	
Blue	6	6	10 ⁶	
Purple	7	7	—	
Gray	8	8	—	
White	9	9	—	
Gold	—	—	10 ⁻¹	± 5 %
Silver	—	—	10 ⁻²	± 10 %
Colorless	—	—	—	± 20 %

► RESISTORS

Value [Ω]	Stock No.
Carbon resistor (Standard type) 1/4W Tolerance ±5%	
	
*Use resistor of standard type in lieu of ones of ELR and lead forming type.	
1.5	0107159
1.8	0107189
2.2	0107229
2.7	0107279
3.3	0107339
3.9	0107399
4.7	0107479
5.6	0107569
6.8	0107689
8.2	0107829
10.0	0107100
12.0	0107120
15.0	0107150
18.0	0107180
22.0	0107220
27.0	0107270
33.0	0107330
39.0	0107390
47.0	0107470
56.0	0107560
68.0	0107680
82.0	0107820
100.0	0107101
120.0	0107121
150.0	0107151
180.0	0107181
220.0	0107221
270.0	0107271
330.0	0107331
390.0	0107391
470.0	0107471
560.0	0107561
680.0	0107681
820.0	0107821
1.0K	0107102
1.5K	0107152
1.8K	0107182
2.2K	0107222
2.7K	0107272
3.3K	0107332
3.9K	0107392
4.7K	0107472
5.6K	0107562
6.8K	0107682
8.2K	0107822
10.0K	0107103
12.0K	0107123
15.0K	0107153
18.0K	0107183
22.0K	0107223
27.0K	0107273
33.0K	0107333
39.0K	0107393
47.0K	0107473
56.0K	0107563

Value [Ω]	Stock No.
68.0K	0107683
82.0K	0107823
100.0K	0107104
120.0K	0107124
150.0K	0107154
180.0K	0107184
220.0K	2107224
270.0K	0107274
330.0K	0107334
390.0K	0107394
470.0K	0107474
560.0K	0107564
680.0K	0107684
820.0K	0107824
1.0M	0107105
Carbon resistor (Miniature type) 1/4W Tolerance ±5%	
	
4.7	0240479
5.6	0240569
6.8	0240689
8.2	0240829
10.0	0240100
12.0	0240120
15.0	0240150
18.0	0240180
22.0	0240220
27.0	0240270
33.0	0240330
39.0	0240390
47.0	0240470
56.0	0240560
68.0	0240680
82.0	0240820
100.0	0240101
120.0	0240121
150.0	0240151
180.0	0240181
220.0	0240221
270.0	0240271
330.0	0240331
390.0	0240391
470.0	0240471
560.0	0240561
680.0	0240681
820.0	0240821
1.0K	0240102
1.2K	0240122
1.5K	0240152
1.8K	0240182
2.2K	0240222
2.7K	0240272
3.3K	0240332
3.9K	0240392
4.7K	0240472
5.6K	0240562
6.8K	0240682

Value [Ω]	Stock No.
8.2K	0240822
10.0K	0240103
12.0K	0240123
15.0K	0240153
18.0K	0240183
22.0K	0240223
27.0K	0240273
33.0K	0240333
39.0K	0240393
47.0K	0240473
56.0K	0240563
68.0K	0240683
82.0K	0240823
100.0K	0240104
120.0K	0240124
150.0K	0240154
180.0K	0240184
220.0K	0240224
270.0K	0240274
330.0K	0240334
390.0K	0240394
470.0K	0240474
560.0K	0240564
680.0K	0240684
820.0K	0240824
1.0M	0240105
Solid resistor 1/4W Tolerance ±5%	
	
*Use resistor with tolerance ±5% in lieu of one with ±10%	
2.2	0113229
2.7	0113279
3.3	0113339
3.9	0113399
4.7	0113479
5.6	0113569
6.8	0113689
8.2	0113829
10.0	0113100
12.0	0113120
15.0	0113150
18.0	0113180
22.0	0113220
27.0	0113270
33.0	0113330
39.0	0113390
47.0	0113470
56.0	0113560
68.0	0113680
82.0	0113820
100.0	0113101
120.0	0113121
150.0	0113151
180.0	0113181
220.0	0113221
270.0	0113271
330.0	0113331
390.0	0113391
470.0	0113471

Value [Ω]	Stock No.
560.0	0113561
680.0	0113681
820.0	0113821
1.0K	0113102
1.2K	0113122
1.5K	0113152
1.8K	0113182
2.2K	0113222
2.7K	0113272
3.3K	0113332
3.9K	0113392
4.7K	0113472
5.6K	0113562
6.8K	0113682
8.2K	0113822
10.0K	0113103
12.0K	0113123
15.0K	0113153
18.0K	0113183
22.0K	0113223
27.0K	0113273
33.0K	0113333
39.0K	0113393
47.0K	0113473
56.0K	0113563
68.0K	0113683
82.0K	0113823
100.0K	0113104
120.0K	0113124
150.0K	0113154
180.0K	0113184
220.0K	0113224
270.0K	0113274
330.0K	0113334
390.0K	0113394
470.0K	0113474
560.0K	0113564
680.0K	0113684
820.0K	0113824
1.0M	0113105
1.2M	0113125
1.5M	0113155
1.8M	0113185
2.2M	0113225
2.7M	0113275
3.3M	0113335
3.9M	0113395
4.7M	0113475
5.6M	0113565

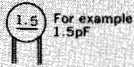
◇CAPACITORS

TOLERANCE (%)

G	J	K	L	M
±2	±5	±10	±15	±20

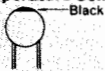
Value [pF] Stock No. Indication

Ceramic capacitor
1) 50V Standard type
*No color indication on top



1 (±0.5pF)	0657109	1
1.5	0657159	1.5
2	0657209	2
3	0657309	3
4	0657409	4
5	0657509	5
6	0657609	6
7	0657709	7
8	0657809	8
9	0657909	9
10	0657100	10
12 (±10%)	0657120	12
15	0657150	15
18	0657108	18
22	0657220	22
27	0657270	27
33	0657330	33
39	0657390	39
47	0657470	47 pF
56	0657560	56 pF
68	0657680	68 pF
82	0657820	82 pF
100	0657101	100 pF
120	0657121	120 pF
150	0657151	150 pF
180	0657181	180 pF
220	0657221	220 pF
270	0657271	270 pF
330	0657331	330 pF
390	0657391	390 pF
470	0657471	470 pF
1000 (+80%/-20%)	0657102	0.001 μF
2200	0657222	0.0022 μF
4700	0657472	0.0047 μF
10000	0657103	0.01 μF
22000	0657223	0.022 μF
47000	0657473	0.047 μF

2) 50V Temperature Compensation type



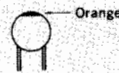
1.0	0669014	1
1.5	0669021	1.5
2.2	0669003	2.2
2.7	0669203	2.7
3.9	0669002	3.9
4.7	0669020	4.7
6.8	0669018	6.8
8.2	0669005	8.2
10.0	0661100	10
12.0	0661120	12
15.0	0661150	15
18.0	0661180	18
22.0	0661220	22
25.0	0661250	25 J

Value [pF] Stock No. Indication

27.0	0661270	27 J
33.0	0661330	33 J
39.0	0661390	39 J
47.0	0661470	47 J
56.0	0661560	56 J
68.0	0661680	68 J
82.0	0661820	82 J
100.0	0661101	101 J



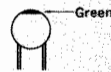
6.8	0669006	6.8
16.0	0662160	16
17.0	0662170	17
19.0	0669279	19
20.0	0662200	20
27.0	0669282	27 J



16.0	0663160	16
17.0	0663170	17
20.0	0669305	20
22.0	0669306	22



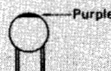
10.0	0664100	10
12.0	0669322	12



6.8	0669343	6.8
12.0	0666347	12
17.0	0669352	17
18.0	0669019	18



6.8	0669368	6.8
10.0	0669370	10
12.0	0669382	12
15.0	0669383	15

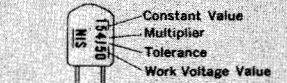


6.8	0669393	6.8
8.2	0669015	8
10.0	0669016	10
33.0	0669408	33
39.0	0669407	39

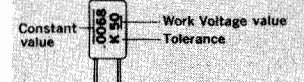
Value [μF] Stock No. W.V.

Mylar capacitor

*Use capacitor with letter J (±5%) in lieu of one with K (±10%)



15 × 10⁴ = 150,000PF
= 0.15 μF (±5%, 50V)



0.0068 μF (±10%, 50V)

0.001	0600106	50V
0.01	0600107	
0.1	0600108	
0.001	0600116	
0.011	0600117	
0.11	0600118	
0.0012	0600126	
0.012	0600127	
0.12	0600128	
0.0013	0600136	
0.013	0600137	
0.13	0600138	
0.0015	0600156	
0.015	0600157	
0.15	0600158	
0.0016	0600166	
0.016	0600167	
0.16	0600168	
0.0018	0600186	
0.018	0600187	
0.18	0600188	
0.002	0600206	
0.02	0600207	
0.2	0600208	
0.002	0600226	
0.022	0600227	
0.22	0600228	
0.0024	0600246	
0.024	0600247	
0.0027	0600276	
0.027	0600277	
0.27	0600278	
0.003	0600306	
0.03	0600307	
0.0033	0600336	
0.033	0600337	
0.33	0600338	
0.0036	0600366	
0.036	0600367	
0.0039	0600396	
0.039	0600397	
0.39	0600398	
0.004	0600406	
0.04	0600407	
0.0043	0600436	
0.043	0600437	
0.0047	0600476	
0.047	0600477	

► CAPACITORS

Value [μ F]	Stock No.	W.V.	Value [μ F]	Stock No.	W.V.	Value [μ F]	Stock No.	W.V.	Value [μ F]	Stock No.	W.V.
0.47	0600478	50 V	10.0	0533100	25 V	4.7	0513479	25 V	0.68	0519111	50 V
0.0005	0600505		100.0	0533101		100.0	0514101	35 V			
0.005	0600506		22.0	0533220		1000.0	0514102				
0.05	0600507		220.0	0533221		220.0	0514221				
0.0051	0600516		2.2	0533229		2200.0	0514222				
0.051	0600517		33.0	0533330		330.0	0514331				
0.0056	0600566		3.3	0533339		3.3	0514339				
0.056	0600567		47.0	0533470		470.0	0514471				
0.006	0600606		4.7	0533479							
0.06	0600607		68.0	0533680							
0.0062	0600626					10.0	0515100	50 V			
0.062	0600627		10.0	0535100	50 V	100.0	0515101				
0.0068	0600686		100.0	0535101		1000.0	0515102				
0.068	0600687		1.0	0535109		1.0	0515109				
0.0075	0600756		22.0	0535220		220.0	0515221				
0.075	0600757		2.2	0535229		2.2	0515229				
0.008	0600806		33.0	0535330		33.0	0515330				
0.08	0600807		3.3	0535339		330.0	0515331				
0.00082	0600825		47.0	0535470		3.3	0515339				
0.0082	0600826		0.47	0535478		47.0	0515470				
0.082	0600827		4.7	0535479		470.0	0515471				
0.00091	0600915		68.0	0535680		4.7	0515479				
0.0091	0600916										
0.091	0600917		4.7	0539001	80 V	100.0	0516101	63 V			

Electrolytic capacitor (Vertical type)

1) Non-polar type

*There are indication of BI-POLAR or NP.
*There are three kinds of color, Gray, Blue or Black around it.



10.0	0530100	6.3 V
100.0	0530101	
1000.0	0530102	
22.0	0530220	
220.0	0530221	
33.0	0530330	
330.0	0530331	
47.0	0530470	
470.0	0530471	
100.0	0531101	10 V
22.0	0531220	
220.0	0531221	
33.0	0531330	
330.0	0531331	
3.3	0531339	
47.0	0531470	
470.0	0531471	
68.0	0531680	
10.0	0532100	16 V
100.0	0532101	
22.0	0532220	
220.0	0532221	
33.0	0532330	
330.0	0532331	
3.3	0532339	
47.0	0532470	
470.0	0532471	
4.7	0532479	
68.0	0532680	

2) Polar type

*There are three kinds of colors, Blue, Gray or Black around it.



100.0	0510101	6.3 V
1000.0	0510102	
220.0	0510221	
330.0	0510331	
47.0	0510470	
470.0	0510471	
100.0	0511101	10 V
1000.0	0511102	
220.0	0511221	
33.0	0511330	
330.0	0511331	
47.0	0511470	
10.0	0512100	16 V
100.0	0512101	
1000.0	0512102	
220.0	0512221	
33.0	0512330	
330.0	0512331	
47.0	0512470	
470.0	0512471	
10.0	0513100	25 V
100.0	0513101	
1000.0	0513102	
220.0	0513221	
33.0	0513330	
330.0	0513331	
47.0	0513470	
470.0	0513471	

3) Polar type (Low noise)



10.0	0519001	25 V
3.3	0519002	
1.0	0519101	50 V
3.3	0519102	
0.47	0519103	
1.5	0519104	
2.2	0519105	
4.7	0519106	
6.8	0519107	
10.0	0519108	
0.22	0519109	
0.33	0519110	