

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

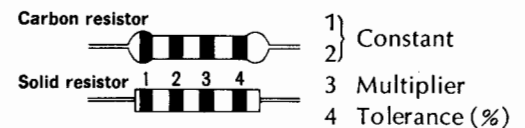
Mylar capacitor (50V)

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

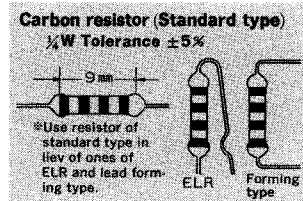
$12 \times 10^3 (\Omega) \pm 10\%$

12k Ω $\pm 10\%$

| 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 | $\pm 5\%$ |
| Silver | — | — | 10 ⁻² | $\pm 10\%$ |
| Colorless | — | — | — | $\pm 20\%$ |

► RESISTORS

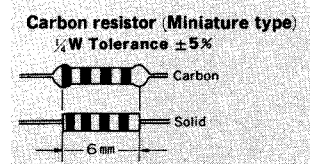
Value [Ω] Stock No.



| | |
|-------|---------|
| 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.

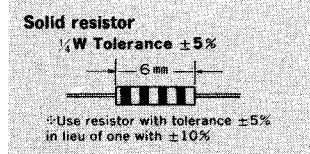
| | |
|--------|---------|
| 68.0K | 0107683 |
| 82.0K | 0107823 |
| 100.0K | 0107104 |
| 120.0K | 0107124 |
| 150.0K | 0107154 |
| 180.0K | 0107184 |
| 220.0K | 2107224 |
| 270.0K | 0107274 |
| 330.0K | 0107334 |
| 390.0K | 0107394 |
| 470.0K | 0107474 |
| 560.0K | 0107564 |
| 680.0K | 0107684 |
| 820.0K | 0107824 |
| 1.0M | 0107105 |



| | |
|-------|---------|
| 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 |



| | |
|-------|---------|
| 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 |

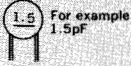
◇CAPACITORS

TOLERANCE (%)

| G | J | K | L | M |
|----|----|-----|-----|-----|
| ±2 | ±5 | ±10 | ±15 | ±20 |

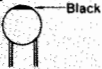
Value [pF] Stock No. Indication

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



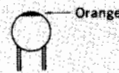
| | | |
|------|---------|------|
| 1.0 | 0669014 | 1 |
| 1.5 | 0669021 | 1.5 |
| 2.2 | 0669003 | 2.2 |
| 2.7 | 0669203 | 2.7 |
| 3.9 | 0669002 | 3.9 |
| 4.7 | 0669020 | 4.7 |
| 6.8 | 0669018 | 6.8 |
| 8.2 | 0669005 | 8.2 |
| 10.0 | 0661100 | 10 |
| 12.0 | 0661120 | 12 |
| 15.0 | 0661150 | 15 |
| 18.0 | 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 |



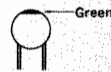
| | | |
|------|---------|------|
| 6.8 | 0669006 | 6.8 |
| 16.0 | 0662160 | 16 |
| 17.0 | 0662170 | 17 |
| 19.0 | 0669279 | 19 |
| 20.0 | 0662200 | 20 |
| 27.0 | 0669282 | 27 J |



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



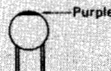
| | | |
|------|---------|----|
| 10.0 | 0664100 | 10 |
| 12.0 | 0669322 | 12 |



| | | |
|------|---------|-----|
| 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 |

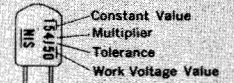


| | | |
|------|---------|-----|
| 6.8 | 0669393 | 6.8 |
| 8.2 | 0669015 | 8 |
| 10.0 | 0669016 | 10 |
| 33.0 | 0669408 | 33 |
| 39.0 | 0669407 | 39 |

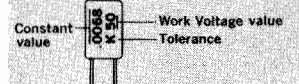
Value [μF] Stock No. W.V.

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 | |

