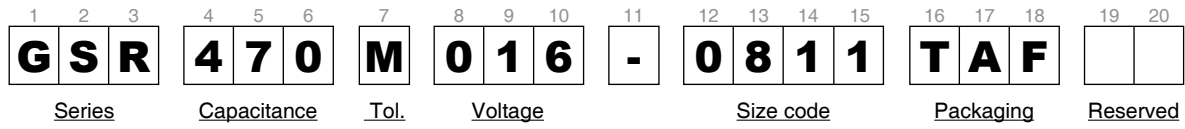


■ Part Numbering System



Capacitance	Code
0.1 $\mu$ F	OR1
0.47 $\mu$ F	R47
1 $\mu$ F	1R0
4.7 $\mu$ F	4R7
47 $\mu$ F	047
470 $\mu$ F	470
4,700 $\mu$ F	472
47,000 $\mu$ F	473
470,000 $\mu$ F	474

Tolerance	Code
$\pm$ 20%	M
$\pm$ 10%	K
-10+50%	Z
-10+30%	Q
-10+20%	V
-0+20%	A

Voltage	Code
2.5V	2.5
4V	004
6.3V	6.3
16V	016
50V	050
100V	100
450V	450

Size	Code
4 x 5	0405
5 x 7	0507
5 x 11	0511
6.3 x 11	0611
13 x 25	1325
16 x 31.5	1631
25 x 40	2540
65x130	65130

Description	Code
Bulk	B
Lead Cut (ex.4mm)	C4
Form & Cut (5mm)	FC5
Kink & Cut	KC
Tape/Ammo/5.0mm	TAF
Tape/Ammo/2.5mm	TAS
SMD Tape/Reel	TR
Axial Tape/Reel (*)	TR(*)

\*See page 7 for details.

■ Precaution for using capacitors

1. Electrolytic capacitors for D.C. application require polarization confirm the polarity before use. If used in reversed polarity, the circuit life may be shortened and the capacitor or other components may be damaged. To avoid capacitors exploding informally, we have developed "Case vent and Rubber vent" whenever the diameter is 8x11mm or over.
2. Use the electrolytic capacitors according to the specified operating temperature range, and do not apply voltage exceeding the specified capacitor voltage rating.
3. The capacitance tolerance and D.F. should be tested at 120Hz, 25°C, the value of the leakage current should be measured at 25°C, with rated working voltage applied in specified time.
4. For methods of testing the strength of lead wire and terminals, refer to the specified value of JIS-C5102 and IEC384 to avoid the inner or capacitors damaged.
5. Do not place a soldering iron near or on the body of capacitor to avoid the sleeves of the capacitors deforming and cracking under high temperature.
6. Do not use halogenated hydrocarbon solvent whenever soldering capacitors or cleaning the circuit board to avoid the inner of capacitors damaged. Please refer to right table when using.
7. Be careful of temperature and time when soldering. Dipping must be performed at the soldering temperature, or less than 260°C for less than 10 seconds otherwise the capacitors may be damaged.
8. Capacitors should be stored at low temperature and low humidity to have longer storage time. If the storage period is too long, the capacitors should be charged before use.
9. The specifications of products are according to characteristic (w) established JIS-C5141, IEC384. For methods of processing and testing refer to JIS-C5102 and IEC384.

Safe	Unsafe
Xylene	1.1.1-Trichloro-1.1.2-Trifluoroethane
Ethyl alcohol	Carbon tetrachloride
Buthyl alcohol	Chloroform
Methyl alcohol	Trichloroethane
Propyl alcohol	Trichloroethylene
Calgonito(detergent)	Methylene Chloride