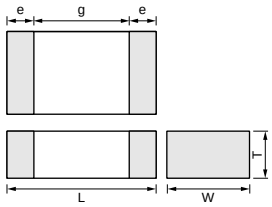
Chip Monolithic Ceramic Capacitors

Ultra-small GRP03 Series

■ Features

1. Small chip size (LxWxT: 0.6x0.3x0.3mm).
2. Terminations are made of metal highly resistant to migration.
3. GRP03 type is suited to only reflow soldering.
4. Stringent dimensional tolerances are allow highly reliable, high speed autom atic chip placements on PCBs.
5. GRP03 series are suited to miniature micro wave module, portable equipment and high-frequency circuit.





Part Number	Dimensions (mm)				
	L	W	T	e	g min.
GRP033	0.6 ±0.03	0.3 ±0.03	0.3 ±0.03	0.1 to 0.2	0.2

■ Applications

- Miniature micro wave module.
- Portable equipment.
- High-frequency circuit.

Part Number	**GRP03**			
L x W	0.6x0.3			
TC	C0G (**5C**)	X7R (**R7**)		Y5V (**F5**)
Rated Volt.	25 (**1E**)	6.3 (**0J**)	16 (**1C**)	10 (**1A**)
Capacitance (Capacitance part numbering code) and T(mm) Dimension (T Dimension part numbering code)				
0.5pF(**R50**)	0.3(**3**)			
1pF(**1R0**)	0.3(**3**)			
2pF(**2R0**)	0.3(**3**)			
3pF(**3R0**)	0.3(**3**)			
4pF(**4R0**)	0.3(**3**)			
5pF(**5R0**)	0.3(**3**)			
6pF(**6R0**)	0.3(**3**)			
7pF(**7R0**)	0.3(**3**)			
8pF(**8R0**)	0.3(**3**)			
9pF(**9R0**)	0.3(**3**)			
10pF(**100**)	0.3(**3**)			
12pF(**120**)	0.3(**3**)			
15pF(**150**)	0.3(**3**)			
18pF(**180**)	0.3(**3**)			
22pF(**220**)	0.3(**3**)			
27pF(**270**)	0.3(**3**)			
33pF(**330**)	0.3(**3**)			
39pF(**390**)	0.3(**3**)			
47pF(**470**)	0.3(**3**)			
56pF(**560**)	0.3(**3**)			
68pF(**680**)	0.3(**3**)			
82pF(**820**)	0.3(**3**)			
100pF(**101**)	0.3(**3**)		0.3(**3**)	
150pF(**151**)			0.3(**3**)	
220pF(**221**)			0.3(**3**)	
330pF(**331**)			0.3(**3**)	
470pF(**471**)			0.3(**3**)	
680pF(**681**)			0.3(**3**)	

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Part Number	GRP03			
L x W	0.6x0.3			
TC	C0G (**5C**)	X7R (**R7**)		Y5V (**F5**)
Rated Volt.	25 (**1E**)	6.3 (**0J**)	16 (**1C**)	10 (**1A**)
Capacitance (Capacitance part numbering code) and T(mm) Dimension (T Dimension part numbering code)				
1000pF(**102**)			0.3(**3**)	
1500pF(**152**)		0.3(**3**)		
2200pF(**222**)		0.3(**3**)		0.3(**3**)
3300pF(**332**)		0.3(**3**)		
4700pF(**472**)		0.3(**3**)		0.3(**3**)
6800pF(**682**)		0.3(**3**)		
10000pF(**103**)		0.3(**3**)		0.3(**3**)

The part numbering code is shown in ( ).
Dimensions are shown in mm and Rated Voltage in Vdc.