

Murata Manufacturing

GRM15-KIT (EIA Standard) Serie

Order No : GRM15-KIT-EIA

- Easy to use Binder type
- Technology
- Package Inch / Size
- Capacitance Values
- Capacitance Pieces per value
- Temperature Characteristic

Multilayer Ceramic Chip Capacitor
0402 / 1005

55
200

Codes	Temperature Coefficient	Operating Temperature
C0G	0±30 ppm/°C	-55 to 125°C
X5R	±15%	-55 to 85°C
X7R	±15%	-55 to 125°C



Binder Dim.: 250x300x35mm
Weight.: 910g

KIT Content Listings

No	Manufacturers Part No.	Voltage	Capacitance	Tolerance	Dielectric	Dim.(LxWxT mm)	Quantity
1	GRM1555C1H1R0CA01D	50Vdc	1.0pF	±0.25pF	C0G	1.0x0.5x0.5mm	200
2	GRM1555C1H2R0CA01D	50Vdc	2.0pF	±0.25pF	C0G	1.0x0.5x0.5mm	200
3	GRM1555C1H3R0CA01D	50Vdc	3.0pF	±0.25pF	C0G	1.0x0.5x0.5mm	200
4	GRM1555C1H4R0CA01D	50Vdc	4.0pF	±0.25pF	C0G	1.0x0.5x0.5mm	200
5	GRM1555C1H5R0CA01D	50Vdc	5.0pF	±0.25pF	C0G	1.0x0.5x0.5mm	200
6	GRM1555C1H6R0CA01D	50Vdc	6.0pF	±0.25pF	C0G	1.0x0.5x0.5mm	200
7	GRM1555C1H7R0CA01D	50Vdc	7.0pF	±0.25pF	C0G	1.0x0.5x0.5mm	200
8	GRM1555C1H8R0CA01D	50Vdc	8.0pF	±0.25pF	C0G	1.0x0.5x0.5mm	200
9	GRM1555C1H9R0CA01D	50Vdc	9.0pF	±0.25pF	C0G	1.0x0.5x0.5mm	200
10	GRM1555C1H100JA01D	50Vdc	10pF	±5%	C0G	1.0x0.5x0.5mm	200
11	GRM1555C1H120JA01D	50Vdc	12pF	±5%	C0G	1.0x0.5x0.5mm	200
12	GRM1555C1H150JA01D	50Vdc	15pF	±5%	C0G	1.0x0.5x0.5mm	200
13	GRM1555C1H180JA01D	50Vdc	18pF	±5%	C0G	1.0x0.5x0.5mm	200
14	GRM1555C1H220JA01D	50Vdc	22pF	±5%	C0G	1.0x0.5x0.5mm	200
15	GRM1555C1H270JA01D	50Vdc	27pF	±5%	C0G	1.0x0.5x0.5mm	200
16	GRM1555C1H330JA01D	50Vdc	33pF	±5%	C0G	1.0x0.5x0.5mm	200
17	GRM1555C1H390JA01D	50Vdc	39pF	±5%	C0G	1.0x0.5x0.5mm	200
18	GRM1555C1H470JA01D	50Vdc	47pF	±5%	C0G	1.0x0.5x0.5mm	200
19	GRM1555C1H560JA01D	50Vdc	56pF	±5%	C0G	1.0x0.5x0.5mm	200
20	GRM1555C1H680JA01D	50Vdc	68pF	±5%	C0G	1.0x0.5x0.5mm	200
21	GRM1555C1H820JA01D	50Vdc	82pF	±5%	C0G	1.0x0.5x0.5mm	200
22	GRM1555C1H101JA01D	50Vdc	100pF	±5%	C0G	1.0x0.5x0.5mm	200
23	GRM1555C1H121JA01D	50Vdc	120pF	±5%	C0G	1.0x0.5x0.5mm	200
24	GRM1555C1H151JA01D	50Vdc	150pF	±5%	C0G	1.0x0.5x0.5mm	200
25	GRM1555C1H181JA01D	50Vdc	180pF	±5%	C0G	1.0x0.5x0.5mm	200
26	GRM1555C1H221JA01D	50Vdc	220pF	±5%	C0G	1.0x0.5x0.5mm	200
27	GRM1555C1H271JA01D	50Vdc	270pF	±5%	C0G	1.0x0.5x0.5mm	200
28	GRM1555C1H331JA01D	50Vdc	330pF	±5%	C0G	1.0x0.5x0.5mm	200
29	GRM1555C1H391JA01D	50Vdc	390pF	±5%	C0G	1.0x0.5x0.5mm	200
30	GRM1555C1H471JA01D	50Vdc	470pF	±5%	C0G	1.0x0.5x0.5mm	200
31	GRM1555C1H561JA01D	50Vdc	560pF	±5%	C0G	1.0x0.5x0.5mm	200
32	GRM1555C1H681JA01D	50Vdc	680pF	±5%	C0G	1.0x0.5x0.5mm	200
33	GRM1555C1H821JA01D	50Vdc	820pF	±5%	C0G	1.0x0.5x0.5mm	200
34	GRM1555C1H102JA01D	50Vdc	1000pF	±5%	C0G	1.0x0.5x0.5mm	200
35	GRM155R71H221KA01D	50Vdc	220pF	±10%	X7R	1.0x0.5x0.5mm	200
36	GRM155R71H331KA01D	50Vdc	330pF	±10%	X7R	1.0x0.5x0.5mm	200
37	GRM155R71H471KA01D	50Vdc	470pF	±10%	X7R	1.0x0.5x0.5mm	200
38	GRM155R71H681KA01D	50Vdc	680pF	±10%	X7R	1.0x0.5x0.5mm	200
39	GRM155R71H102KA01D	50Vdc	1000pF	±10%	X7R	1.0x0.5x0.5mm	200
40	GRM155R71H152KA01D	50Vdc	1500pF	±10%	X7R	1.0x0.5x0.5mm	200
41	GRM155R71H222KA01D	50Vdc	2200pF	±10%	X7R	1.0x0.5x0.5mm	200
42	GRM155R71H332KA01D	50Vdc	3300pF	±10%	X7R	1.0x0.5x0.5mm	200
43	GRM155R71H472KA01D	50Vdc	4700pF	±10%	X7R	1.0x0.5x0.5mm	200
44	GRM155R71H682KA88D	50Vdc	6800pF	±10%	X7R	1.0x0.5x0.5mm	200
45	GRM155R71H103KA88D	50Vdc	10000pF	±10%	X7R	1.0x0.5x0.5mm	200
46	GRM155R71H153KA12D	50Vdc	15000pF	±10%	X7R	1.0x0.5x0.5mm	200
47	GRM155R71H223KA12D	50Vdc	22000pF	±10%	X7R	1.0x0.5x0.5mm	200
48	GRM155R71H333KE14D	50Vdc	33000pF	±10%	X7R	1.0x0.5x0.5mm	200
49	GRM155R71H473KE14D	50Vdc	47000pF	±10%	X7R	1.0x0.5x0.5mm	200
50	GRM155R71H683KE14D	50Vdc	68000pF	±10%	X7R	1.0x0.5x0.5mm	200
51	GRM155R71H104KE14D	50Vdc	0.10µF	±10%	X7R	1.0x0.5x0.5mm	200
52	GRM155R61E224KE01D	25Vdc	0.22µF	±10%	X5R	1.0x0.5x0.5mm	200
53	GRM155R61E474KE01D	25Vdc	0.47µF	±10%	X5R	1.0x0.5x0.5mm	200
54	GRM155R61E105KA12D	25Vdc	1.0µF	±10%	X5R	1.0x0.5x0.5mm	200
55	GRM155R61E225KE11D	25Vdc	2.2µF	±10%	X5R	1.0x0.5x0.5mm	200

Murata Manufacturing

GRM18-KIT (EIA Standard) Serie

Order No : GRM18-KIT-EIA

- Easy to use Binder type
- Technology
- Package Inch / Size
- Capacitance Values
- Capacitance Pieces per value
- Temperature Characteristic

Multilayer Ceramic Chip Capacitor
0603 / 1608
66
100

Codes	Temperature Coefficient	Operating Temperature
C0G	0±30 ppm/°C	-55 to 125°C
X5R	±15%	-55 to 85°C
X7R	±15%	-55 to 125°C



Binder Dim. : 250x300x35mm
Weight : 950g

KIT Content Listings

No	Manufacturers Part No.	Voltage	Capacitance	Tolerance	Dielectric	Dim.(LxWxT mm)	Quantity
1	GRM1885C1H1R0CA01D	50Vdc	1.0pF	±0.25pF	C0G	1.6x0.8x0.8mm	100
2	GRM1885C1H2R0CA01D	50Vdc	2.0pF	±0.25pF	C0G	1.6x0.8x0.8mm	100
3	GRM1885C1H3R0CA01D	50Vdc	3.0pF	±0.25pF	C0G	1.6x0.8x0.8mm	100
4	GRM1885C1H4R0CA01D	50Vdc	4.0pF	±0.25pF	C0G	1.6x0.8x0.8mm	100
5	GRM1885C1H5R0CA01D	50Vdc	5.0pF	±0.25pF	C0G	1.6x0.8x0.8mm	100
6	GRM1885C1H6R0CA01D	50Vdc	6.0pF	±0.25pF	C0G	1.6x0.8x0.8mm	100
7	GRM1885C1H7R0CA01D	50Vdc	7.0pF	±0.25pF	C0G	1.6x0.8x0.8mm	100
8	GRM1885C1H8R0CA01D	50Vdc	8.0pF	±0.25pF	C0G	1.6x0.8x0.8mm	100
9	GRM1885C1H9R0CA01D	50Vdc	9.0pF	±0.25pF	C0G	1.6x0.8x0.8mm	100
10	GRM1885C1H100JA01D	50Vdc	10pF	±5%	C0G	1.6x0.8x0.8mm	100
11	GRM1885C1H120JA01D	50Vdc	12pF	±5%	C0G	1.6x0.8x0.8mm	100
12	GRM1885C1H150JA01D	50Vdc	15pF	±5%	C0G	1.6x0.8x0.8mm	100
13	GRM1885C1H180JA01D	50Vdc	18pF	±5%	C0G	1.6x0.8x0.8mm	100
14	GRM1885C1H220JA01D	50Vdc	22pF	±5%	C0G	1.6x0.8x0.8mm	100
15	GRM1885C1H270JA01D	50Vdc	27pF	±5%	C0G	1.6x0.8x0.8mm	100
16	GRM1885C1H330JA01D	50Vdc	33pF	±5%	C0G	1.6x0.8x0.8mm	100
17	GRM1885C1H390JA01D	50Vdc	39pF	±5%	C0G	1.6x0.8x0.8mm	100
18	GRM1885C1H470JA01D	50Vdc	47pF	±5%	C0G	1.6x0.8x0.8mm	100
19	GRM1885C1H560JA01D	50Vdc	56pF	±5%	C0G	1.6x0.8x0.8mm	100
20	GRM1885C1H680JA01D	50Vdc	68pF	±5%	C0G	1.6x0.8x0.8mm	100
21	GRM1885C1H820JA01D	50Vdc	82pF	±5%	C0G	1.6x0.8x0.8mm	100
22	GRM1885C1H101JA01D	50Vdc	100pF	±5%	C0G	1.6x0.8x0.8mm	100
23	GRM1885C1H121JA01D	50Vdc	120pF	±5%	C0G	1.6x0.8x0.8mm	100
24	GRM1885C1H151JA01D	50Vdc	150pF	±5%	C0G	1.6x0.8x0.8mm	100
25	GRM1885C1H181JA01D	50Vdc	180pF	±5%	C0G	1.6x0.8x0.8mm	100
26	GRM1885C1H221JA01D	50Vdc	220pF	±5%	C0G	1.6x0.8x0.8mm	100
27	GRM1885C1H271JA01D	50Vdc	270pF	±5%	C0G	1.6x0.8x0.8mm	100
28	GRM1885C1H331JA01D	50Vdc	330pF	±5%	C0G	1.6x0.8x0.8mm	100
29	GRM1885C1H391JA01D	50Vdc	390pF	±5%	C0G	1.6x0.8x0.8mm	100
30	GRM1885C1H471JA01D	50Vdc	470pF	±5%	C0G	1.6x0.8x0.8mm	100
31	GRM1885C1H561JA01D	50Vdc	560pF	±5%	C0G	1.6x0.8x0.8mm	100
32	GRM1885C1H681JA01D	50Vdc	680pF	±5%	C0G	1.6x0.8x0.8mm	100
33	GRM1885C1H821JA01D	50Vdc	820pF	±5%	C0G	1.6x0.8x0.8mm	100
34	GRM1885C1H102JA01D	50Vdc	1000pF	±5%	C0G	1.6x0.8x0.8mm	100
35	GRM1885C1H122JA01D	50Vdc	1200pF	±5%	C0G	1.6x0.8x0.8mm	100
36	GRM1885C1H152JA01D	50Vdc	1500pF	±5%	C0G	1.6x0.8x0.8mm	100
37	GRM1885C1H182JA01D	50Vdc	1800pF	±5%	C0G	1.6x0.8x0.8mm	100
38	GRM1885C1H222JA01D	50Vdc	2200pF	±5%	C0G	1.6x0.8x0.8mm	100
39	GRM1885C1H272JA01D	50Vdc	2700pF	±5%	C0G	1.6x0.8x0.8mm	100
40	GRM1885C1H332JA01D	50Vdc	3300pF	±5%	C0G	1.6x0.8x0.8mm	100
41	GRM1885C1H392JA01D	50Vdc	3900pF	±5%	C0G	1.6x0.8x0.8mm	100
42	GRM1885C1H472JA01D	50Vdc	4700pF	±5%	C0G	1.6x0.8x0.8mm	100
43	GRM1885C1H562JA01D	50Vdc	5600pF	±5%	C0G	1.6x0.8x0.8mm	100
44	GRM1885C1H682JA01D	50Vdc	6800pF	±5%	C0G	1.6x0.8x0.8mm	100
45	GRM1885C1H822JA01D	50Vdc	8200pF	±5%	C0G	1.6x0.8x0.8mm	100
46	GRM1885C1H103JA01D	50Vdc	10000pF	±5%	C0G	1.6x0.8x0.8mm	100
47	GRM188R71H221KA01D	50Vdc	220pF	±10%	X7R	1.6x0.8x0.8mm	100
48	GRM188R71H471KA01D	50Vdc	470pF	±10%	X7R	1.6x0.8x0.8mm	100
49	GRM188R71H102KA01D	50Vdc	1000pF	±10%	X7R	1.6x0.8x0.8mm	100
50	GRM188R71H222KA01D	50Vdc	2200pF	±10%	X7R	1.6x0.8x0.8mm	100
51	GRM188R71H472KA01D	50Vdc	4700pF	±10%	X7R	1.6x0.8x0.8mm	100
52	GRM188R71H103KA01D	50Vdc	10000pF	±10%	X7R	1.6x0.8x0.8mm	100
53	GRM188R71H153KA01D	50Vdc	15000pF	±10%	X7R	1.6x0.8x0.8mm	100
54	GRM188R71H223KA01D	50Vdc	22000pF	±10%	X7R	1.6x0.8x0.8mm	100
55	GRM188R71H333KA61D	50Vdc	33000pF	±10%	X7R	1.6x0.8x0.8mm	100
56	GRM188R71H473KA61D	50Vdc	47000pF	±10%	X7R	1.6x0.8x0.8mm	100
57	GRM188R71H683KA93D	50Vdc	68000pF	±10%	X7R	1.6x0.8x0.8mm	100
58	GRM188R71H104KA93D	50Vdc	0.10µF	±10%	X7R	1.6x0.8x0.8mm	100
59	GCM188R71H154KA49D ^{※1}	50Vdc	0.15µF	±10%	X7R	1.6x0.8x0.8mm	100
60	GCM188R71H224KA49D ^{※1}	50Vdc	0.22µF	±10%	X7R	1.6x0.8x0.8mm	100
61	GRM188R61H474KA12D	50Vdc	0.47µF	±10%	X5R	1.6x0.8x0.8mm	100
62	GRM188R61H105KAALD	50Vdc	1.0µF	±10%	X5R	1.6x0.8x0.8mm	100
63	GRM188R61H225KE11D	50Vdc	2.2µF	±10%	X5R	1.6x0.8x0.8mm	100
64	GRM188R61E475KE11D	25Vdc	4.7µF	±10%	X5R	1.6x0.8x0.8mm	100
65	GRM188R61E106MA73D	25Vdc	10µF	±20%	X5R	1.6x0.8x0.8mm	100
66	GRM188R60J226MEA0D	6.3Vdc	22µF	±20%	X5R	1.6x0.8x0.8mm	100

※ 1 GCM series Chip Monolithic Ceramic Capacitors for Automotive