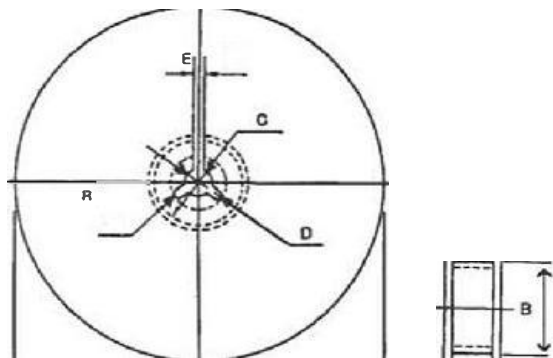


Multilayer Ceramic Chip Capacitors - GMC Series

Packaging (Taping) Per EIA-481

(Reel Type-Size)



Standard Reel

Unit:mm

A	B	C	D	E	W	t	R
ø178 ±2.0	ø50 min.	ø13.0 ±0.5	ø21.0 ±0.8	2.0 ±0.5	1ø 2-8mm 14.0-12mm ±1.5	0.8 ±0.2	1.0

optional 10/13 inch reels

Unit:mm

A	B	C	D	E	W	t	R
ø330 +2.0	ø50 min.	ø13.0 ±0.5	ø21.0 ±0.8	2.0 ±0.5	10.0 ±1.5	0.8 ±0.2	1.0

◆ Tape & Reel Dimensions

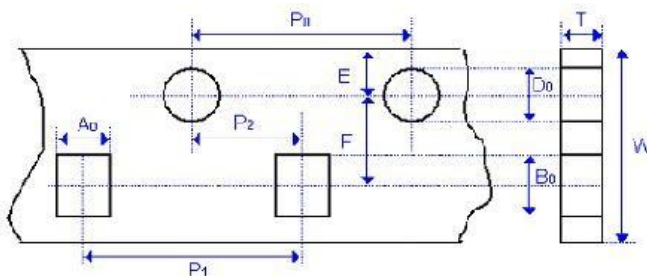


Fig. 1 The dimension of paper tape

Cardboard carrier tape for 01005, 0201, 0402, 0603, 0805, 1206

Unit:mm

Type	A0	B0	T	Ko	W	P0	10xPo	P1	P2	D0	D1	E	F	Mounting Hole	Std Reel Qty 7"	Optional Reel Qty (10/13")
01005	0.25±0.04	0.45±0.04	0.36±0.05	*	8.0±0.30	4.0±0.10	40.0±0.10	2.0±0.05	2.0±0.05	1.5±0.1	*	1.75±0.1	3.5±0.05	Angular Punch Hole	20,000	50,000
0201	0.39±0.07	0.69±0.07	≤0.50	*	8.0±0.10	4.0±0.10	40.0±0.10	2.0±0.05	2.0±0.05	1.55±0.05	*	1.75±0.05	3.5±0.05		10,000 15,000	50,000
0402	0.7±0.20	1.2±0.20	≤0.80	*	8.0±0.10	4.0±0.10	40.0±0.10	2.0±0.05	2.0±0.05	1.55±0.05	*	1.75±0.05	3.5±0.05		10,000	40,000 50,000
0603	1.1±0.20	1.9±0.20	≤1.20	*	8.0±0.10	4.0±0.10	40.0±0.20	4.0±0.10	2.0±0.05	1.55±0.05	*	1.75±0.05	3.5±0.05		4,000	10,000 15,000
0805	1.65±0.20	2.4±0.20	≤01.30	*	8.0±0.10	4.0±0.10	40.0±0.20	4.0±0.10	2.0±0.05	1.55±0.05	*	1.75±0.05	3.5±0.05		4,000	10,000 15,000 20,000
1206	2.0±0.20	3.6±0.20	≤01.30	*	8.0±0.10	4.0±0.10	40.0±0.20	4.0±0.10	2.0±0.05	1.55±0.05	*	1.75±0.05	3.5±0.05		4,000	10,000 15,000 20,000

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◆ **Tape & Reel Dimensions**

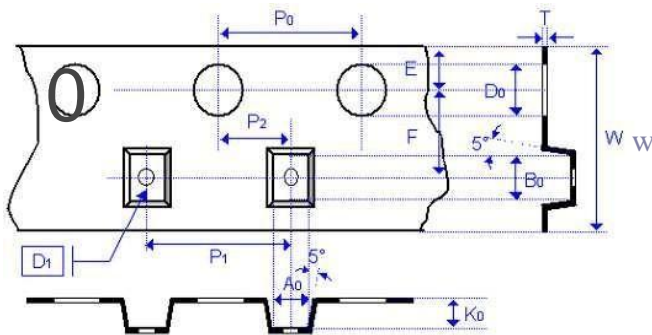
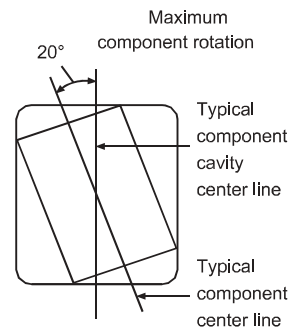
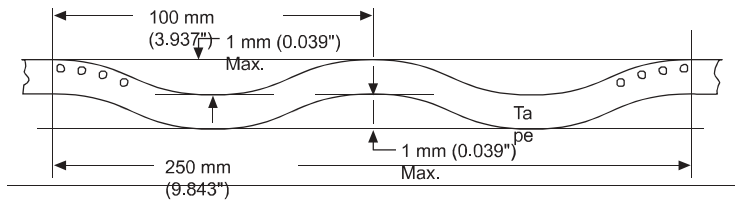
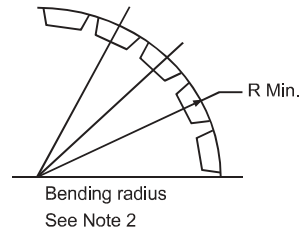


Fig. 2 The dimension of plastic tape



• Embossed plastic carrier tape for 0805/1206/1210/1808/1812/1825/2220 AND 2225 type

Unit=mm

Type	A0	B0	T	Ko	W	P0	10xP0	P1	P2	D0	D1	E	F	Mounting Hole	Std Reel Qty 7"	Optional Reel Qty (10/13")
0805	<1.80	<2.70	0.23±0.10	<2.50	8.0±0.20	4.0±0.10	40.0±0.20	4.0±0.10	2.0±0.05	1.5±0.10	1.0±0.10	1.75±0.10	3.5±0.05	Angular Embossed Hole	2,000 3,000	10,000 15,000
1206	<2.30	<4.00	0.23±0.10	<2.50	8.0±0.20	4.0±0.10	40.0±0.20	4.0±0.10	2.0±0.05	1.5±0.10	1.0±0.10	1.75±0.10	3.5±0.05		2,000 3,000	8,000 10,000
1210	<3.20	<3.95	0.23±0.10	<3.00	8.0±0.20	4.0±0.10	40.0±0.20	4.0±0.10	2.0±0.05	1.5±0.10	1.0±0.10	1.75±0.10	3.5±0.05		500 1,000 2,000 3,000	4,000 8,000 10,000
1808	<2.50	<5.30	0.25±0.10	<2.50	12.0±0.20	4.0±0.10	40.0±0.20	4.0±0.10	2.0±0.05	1.5±0.10	1.0±0.10	1.75±0.10	5.5±0.10		1,000 2,000 3,000	6,000 8,000
1812	<3.90	<5.30	0.25±0.10	<3.50	12.0±0.20	4.0±0.10	40.0±0.20	8.0±0.10	2.0±0.05	1.5±0.10	1.5±0.10	1.75±0.10	5.5±0.10	Angular Embossed Hole	500 1,000	2,000
1825	<6.80	<5.30	0.30±0.10	<3.10	12.0±0.20	4.0±0.10	40.0±0.20	8.0±0.10	2.0±0.05	1.5±0.10	1.5±0.10	1.75±0.10	5.5±0.10		500 1,000	1,500
2220	<5.80	<6.50	0.30±0.10	<3.10	12.0±0.20	4.0±0.10	40.0±0.20	8.0±0.10	2.0±0.05	1.5±0.10	1.5±0.10	1.75±0.10	5.5±0.10		500 1,000	1,500
2225	<6.80	<6.50	0.30±0.10	<3.10	12.0±0.20	4.0±0.10	40.0±0.20	8.0±0.10	2.0±0.05	1.5±0.10	1.5±0.10	1.75±0.10	5.5±0.10		500 700	1,000

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Product Storage Instructions:

- 1) Product must be kept away from direct sunlight.
- 2) Product must be stored in the following conditions - Temperature; 5 to 35 degrees Celsius/40 to 95 degrees Fahrenheit
Humidity; 45 to 85%
- 3) Product to be kept free of moisture, dirt and debris.

*******WHEN THESE CONDITIONS ARE NOT MET, PRODUCT LIFE COULD BE SHORTENED*******

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