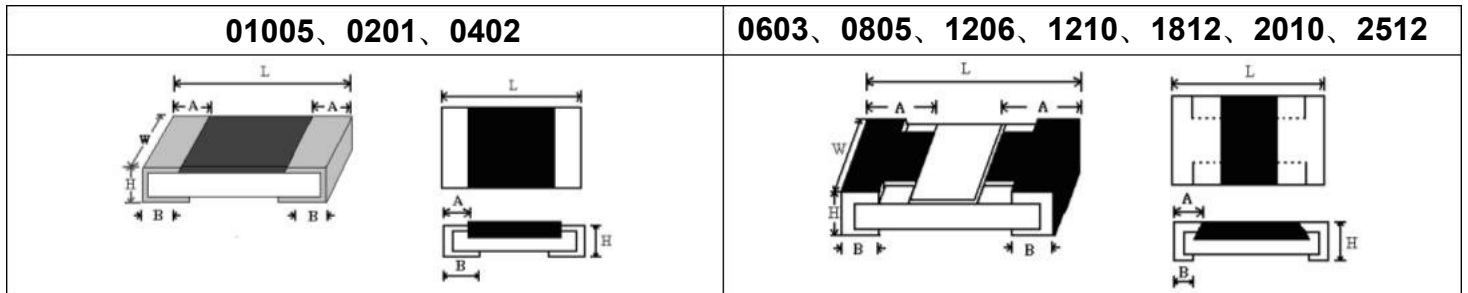


1.0 Scope:

This specification for approve relates to the Lead-Free Thick Film Chip Resistors manufactured by Hongda Capacitors

2.0 Ratings & Dimension:



2.1 Dimension & Resistance Range:

Type	70°C Power	Dimension(mm)					Resistance Range			
		L	W	H	A	B	0.5%	1.0%	2.0%	5.0%
01005	1/32W	0.40±0.02	0.20±0.02	0.13±0.02	0.10±0.05	0.10±0.03	--	10 Ω-10M Ω	10 Ω-10M Ω	10 Ω-10M Ω
0201	1/20W	0.60±0.03	0.30±0.03	0.23±0.03	0.10±0.05	0.15±0.05	--	1 Ω-10M Ω	1 Ω-10M Ω	1 Ω-10M Ω
0402	1/16W	1.00±0.10	0.50±0.05	0.35±0.05	0.20±0.10	0.25±0.10	1 Ω-10M Ω	0.1 Ω~22M Ω	0.1 Ω~22M Ω	0.1 Ω~22M Ω
0603	1/16W 1/10WS	1.60±0.10	+0.15 0.80 -0.10	0.45±0.10	0.30±0.20	0.30±0.20	1 Ω-10M Ω	0.1 Ω~33M Ω	0.1 Ω~33M Ω	0.1 Ω~100M Ω
0805	1/10W 1/8WS	2.00±0.15	+0.15 1.25 -0.10	0.55±0.10	0.40±0.20	0.40±0.20	1 Ω-10M Ω	0.1 Ω~33M Ω	0.1 Ω~33M Ω	0.1 Ω~100M Ω
1206	1/8W 1/4WS	3.10±0.15	+0.15 1.55 -0.10	0.55±0.10	0.45±0.20	0.45±0.20	1 Ω-10M Ω	0.1 Ω~33M Ω	0.1 Ω~33M Ω	0.1 Ω~100M Ω
1210	1/4W 1/3WS 1/2WSS	3.10±0.10	2.60±0.20	0.55±0.10	0.50±0.25	0.50±0.20	1 Ω-10M Ω	0.1 Ω~10M Ω	0.1 Ω~22M Ω	0.1 Ω~100M Ω
1812	1/2W 3/4WS	4.50±0.20	3.20±0.20	0.55±0.20	0.50±0.20	0.50±0.20	1 Ω-10M Ω	0.1 Ω-10M Ω	0.1 Ω-10M Ω	0.1 Ω-10M Ω
2010	1/2W 3/4WS	5.00±0.10	2.50±0.20	0.55±0.10	0.60±0.25	0.50±0.20	1 Ω-10M Ω	0.1 Ω~22M Ω	0.1 Ω~22M Ω	0.1 Ω~22M Ω
2512	1W	6.35±0.10	3.20±0.20	0.55±0.10	0.60±0.25	0.50±0.20	1 Ω-10M Ω	0.1 Ω~33M Ω	0.1 Ω~33M Ω	0.1 Ω~33M Ω