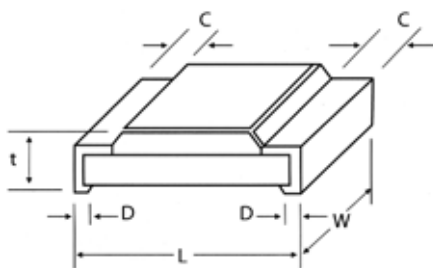
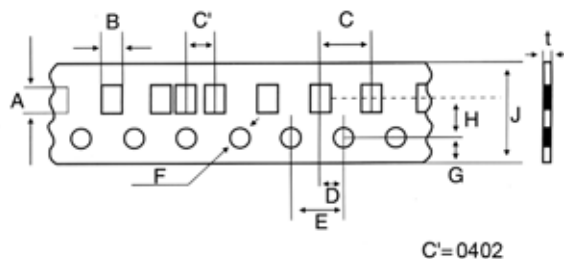


# REZYSTORY SMD

## THICK FILM CHIP RESISTOR



rozmiar - size inch(mm)	moc znamionowa power rating	max. napięcie pracy max. working voltage	max. napięcie impulsu max. overload voltage	wymiarzy dimensions (mm)					zakres rezystancji resistance range	zakres temperatury pracy operating temperature range	ilość w krążku pcs in reel
				L	W	C	D	t			
0402(1005)	0.063W	50V	100V	1.0 ±0.05	0.5 ±0.05	0.2 ±0.1	0.25 +0.05/-0.1	0.35 ±0.05	J, F, 10Ω ... 2.2MΩ	-55°C ... 125°C	10 000
0603(1608)	0.1W	50V	100V	1.6 ±0.1	0.85 ±0.1	0.3 ±0.2	0.2 +0.2/-0.1	0.45 ±0.05	J, 1.0Ω ... 10MΩ G, 1.0Ω ... 10MΩ F, 1.0Ω ... 2.2MΩ		5 000
0805(2012)	0.1W	150V	300V	2.05 ±0.1	1.3 ±0.1	0.4 ±0.2	0.3 +0.2/-0.1	0.45 +0.1/-0.05			5 000
	0.125W	100V	200V								5 000
1206(3216)	0.25W	200V	400V	3.1 ±0.1	1.6 ±0.1	0.45 ±0.25	0.4 +0.2/-0.1	0.55 +0.1/-0.05			5 000
1210(3225)	0.25W	200V	400V	3.2 ±0.2	2.6 ±0.2	0.5 ±0.2	0.5 ±0.3	0.6 ±0.1			4 000
2010(5025)	0.5W	200V	400V	5.0 ±0.2	2.5 ±0.2	0.6 ±0.2	0.6 ±0.2	0.6 ±0.1			4 000
2512(6332)	1W	200V	400V	6.4 ±0.2	3.2 ±0.2	0.7 ±0.2	0.7 ±0.2	0.6 ±0.1			4 000



C' = 0402

rozmiar - size	A (mm)	B (mm)	C / C' (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	t (mm)
0402	1.13 ±0.05	0.63 ±0.05	2.0 ±0.05	1.0 ±0.05	2.0 ±0.05	1.5 +0.1/-0	1.75 ±0.1	3.5 ±0.05	8.0 ±0.3	0.55 ±0.1
0603	1.9 ±0.2	1.1 ±0.2	4.0 ±0.1	2.0 ±0.05	4.0 ±0.1	1.5 +0.1/-0	1.75 ±0.1	3.5 ±0.05	8.0 ±0.3	0.7 ±0.1
0805	2.4 ±0.2	1.65 ±0.2	4.0 ±0.1	2.0 ±0.05	4.0 ±0.1	1.5 +0.1/-0	1.75 ±0.1	3.5 ±0.05	8.0 ±0.3	0.9 ±0.1
1206	3.6 +0.1/-0.15	2.0 +0.1/-0.15	4.0 ±0.1	2.0 ±0.05	4.0 ±0.1	1.5 +0.1/-0	1.75 ±0.1	3.5 ±0.05	8.0 ±0.3	0.9 ±0.1
1210	3.5 ±0.1	2.9 ±0.1	4.0 ±0.1	2.0 ±0.05	4.0 ±0.1	1.5 +0.1/-0	1.75 ±0.1	3.5 ±0.05	8.0 ±0.3	0.9 ±0.1
2010	5.3 ±0.1	2.9 ±0.1	4.0 ±0.1	2.0 ±0.05	4.0 ±0.1	1.5 +0.1/-0	1.75 ±0.1	5.5 ±0.05	12 ±0.2	1.0 ±0.1
2512	5.6 ±0.1	3.4 ±0.1	4.0 ±0.1	2.0 ±0.05	4.0 ±0.1	1.5 +0.1/-0	1.75 ±0.1	5.5 ±0.05	12 ±0.2	1.0 ±0.1

testowany parametr tested item	warunki testu conditions	wynik specification
odporność na cykle temperaturowe temperature cycling	-55°C / +125°C przez 5 cykli cycles	±(1% + 0.05Ω)
praca w niskiej temperaturze low temperature operation	1h w at -55°C, następnie then 45 min. RCWV	±(1% + 0.05Ω)
przeciążenie impulsem short time overload	2.5 * RCWV przez 5 sec	±(2% + 0.10Ω)
odporność na ciepło przy lutowaniu resistance to soldering heat	260°C przez 10 sec	±(1% + 0.05Ω)
odporność na ciepło high temperature exposure	1000h, 125°C	±(2% + 0.10Ω)
żywość load life	70°C, 1000h RCWV, 1.5h ON; 0.5h OFF	±(3% + 0.10Ω)
zdolność wyprowadzeń do lutowania solder heat resistance	230°C, 5 sec, lutowanie zanurzeniowe dipping	pokrycie coverage ≥95%

RCWV: napięcie znamionowe ciągłe - rated continuous working voltage

współczynnik temperaturowy temperature coefficient	tolerancja tolerance 1%	10Ω-100Ω ≤ ±200ppm/°C
		101Ω-1MΩ ≤ ±100ppm/°C
	tolerancja tolerance 5%	1Ω-10Ω ≤ ±400ppm/°C
		11Ω-10MΩ ≤ ±200ppm/°C