

**Surface Mount Thick Film Resistors
9C Series, Specifications**

Phycomp

Part Number Determination

9C08052A1002FKHFT							
9C	0805	2A	1002	F	K	HF	T
SERIES	SIZE	POWER RATING (Ω)	RESISTANCE	TOLERANCE	TEMP COEFF ppm/°C	TERMINATION	PACKAGING
Thick Film Chip Resistors	0201 0402 0603 0805 1206 1210 1218 2010 2512	1A=1/16 (0603) 1A=1/10 2A=1/8 3A=1/4 4A=1/10 5A=1/3 7A=1/20 8A=1/32 12=1/2 1W=1	3 Significant digits + 1 multiplier 4320=432ohm 1002=10K 8063=806K	P=±0.2% L=±0.1% W=±0.05% B=±0.1% C=±0.25% D=±0.5% F=±1% G=±2% J=±5% K=±10%	A=±25 B=±50 K=±100 L=±200 E=±250 M=±300 G=±500 P=±750 H=±1000 I=±1500 J=±2000 N=±3000 dash=Base on Spec.	HF=SnPb PF=100% Sn 2372 AF=NiAu	T=5K Paper 3=10K Paper 4=20K Paper 5=4K Blister 6=5K Blister 7=50K Paper P=25K Bulk Case

0402 Part Number Determination

2322-705-70103				
2322	705	70	10	3
TYPE	SIZE	PACKAGING	RES	RES DECADE
Thick Film Chip Res	0402	70=10K/RI 80=100K/Bk	First 2 digits of Res value	8, 1-9.7ohm 9, 10-97.6 1, 100-976 2, 1K-9.76K 3, 10K-97.6K 4, 100K-976K 5, 1M-9.76M 6, 10M-97.6M



Package Dimensions (mm)

Size Code	L (mm)	W (mm)	T (mm)	Mass (g)
0402	1.0	0.5	0.35	0.06
0603	1.6	0.8	0.45	0.20
0805	2.0	1.25	0.55	0.55
1206	3.2	1.6	0.55	1.0

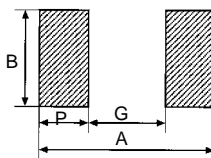


Electrical Characteristics

Series	Int'l Equiv.	Range (ohm)	Temp Coefft (ppm)	Power Rating	Tolerance
2322-705	2322-705	10-1M	±200	1/16W	5%
9C0603-J	2322-702	1-9.1 10-1M 1M-6.8M	500-200 ±200 ±300	1/10W	5%
9C0603-F	2322-704	10-97.6 100-1M	±200 ±100	1/10W	1%
9C0805-J	2322-730	1-10M	±200	1/8W	5%
9C0805-F	2322-734	10-97.6 100-10M	±200 ±100	1/8W	1%
9C1206-J	2322-711	1-10M	±200	1/4W	5%
9C1206-F	2322-724	10-97.6 100-1M	±200 ±100	1/4W	1%

Land Pattern for Reflow Soldering (mm)

Case Size	0402	0603	0805	1206
EIA Size	1005	1608	2012	3216
B (mm)	0.65	1.0	1.5	1.9
P (mm)	0.4	0.5	0.7	1.0
G (mm)	0.4	1.0	1.2	1.8
A (mm)	1.2	2.0	2.6	3.8



Construction

