

Silver Leadless Chip

0.1K to 1M Ohms Resistance @25°C
 ±5 and ±10% Tolerance
 Rapid Time Response
 Surface Mount Capability
 Supplied in “gel” or “waffle” packs



SILVER LEADLESS CHIP

Silver terminated leadless NTC thermistors.

FEATURES

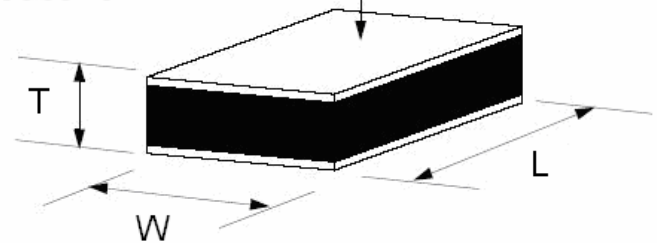
- 0.1K to 1M Ohms Resistance @25°C
- Supplied with ±5% and ±10% tolerance
- Higher precision tolerance available
- Surface mount capability
- Supplied in “gel” or “waffle” packs
- Square or rectangular configurations
- Temperature range -40°C to +125°C
- RoHS Compliant

APPLICATIONS

- Automotive temperature controls
- Surface mounting on hybrid circuits
- Temperature compensation of crystal oscillators
- Localized temperature sensing

Dimensions

Note 1



Note 1 Silver Metalisation

Silver Leadless Chip

Product Definition

Part Number ±5% @ 25°C	Part Number ±10% @ 25°C	Resistance @ 25°C (Ohms)	0/50°C Beta Value	Operating Temperature	Nominal Chip Dimensions (mm)			Nominal Chip Dimensions (inches)		
					L	W	T	L	W	T
0.1K1C3	0.1K1C2	100	3108	-40° to +100°C	1.397	1.397	0.305	0.055	0.055	0.012
0.3K1C3	0.3K1C2	300	3108	-40° to +100°C	0.914	0.914	0.381	0.036	0.036	0.015
1K2C3	1K2C2	1000	3263	-40° to +100°C	0.762	0.762	0.381	0.03	0.03	0.015
1K7C3	1K7C2	1000	3422	-40° to +100°C	1.067	1.067	0.381	0.042	0.042	0.015
2.2K3C3	2.2K3C2	2252	3892	-40° to +125°C	1.905	1.905	0.254	0.075	0.075	0.01
3K3C3	3K3C2	3000	3892	-40° to +125°C	1.651	1.651	0.254	0.065	0.065	0.01
5K3C3	5K3C2	5000	3892	-40° to +125°C	1.397	1.397	0.305	0.055	0.055	0.012
10K3C3	10K3C2	10000	3892	-40° to +125°C	1.016	1.016	0.305	0.04	0.04	0.012
10K4C3	10K4C2	10000	3575	-40° to +125°C	1.143	1.143	0.254	0.045	0.045	0.01
30K5C3	30K5C2	30000	3811	-40° to +125°C	0.889	0.889	0.381	0.035	0.035	0.015
30K6C3	30K6C2	30000	4143	-40° to +125°C	1.397	1.397	0.305	0.055	0.055	0.012
50K6C3	50K6C2	50000	4143	-40° to +125°C	1.143	1.143	0.381	0.045	0.045	0.015
100K6C3	100K6C2	100000	4143	-40° to +125°C	0.889	0.889	0.381	0.035	0.035	0.015
1M9C3	1M9C2	1000000	4582	-40° to +125°C	0.889	0.889	0.254	0.035	0.035	0.01

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