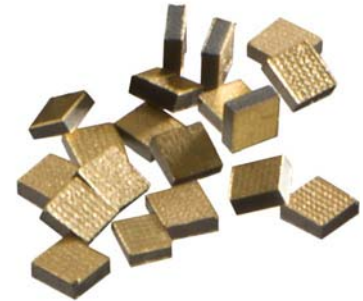


# Gold Leadless Chip

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



## GOLD LEADLESS CHIP

Gold terminated leadless NTC thermistors.

## FEATURES

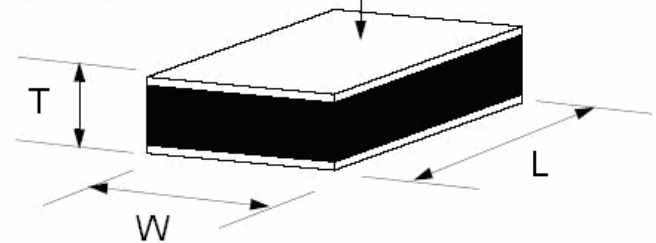
- 0.1K to 1M Ohms Resistance @25°C
- Supplied with ±5% and ±10% tolerance
- Higher precision tolerance available
- Surface mount capability
- Supplied in “gel” or “waffle” packs
- Square or rectangular configurations
- Temperature range -40°C to +125°C
- RoHS Compliant

## APPLICATIONS

- WDM (Wavelength Division Multiplexing) for advanced frequency control in communications systems and wireless applications
- Thermopile sensors for thermal radiation recognition and infrared sensing
- Thermal protection of sensitive circuits
- Hybrid circuit temperature compensation
- Localized temperature sensing

## Dimensions

### Note 1



Note 1 Gold Metalisation

# Gold 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
<a href="#">0.1K1CG3</a>	<a href="#">0.1K1CG2</a>	100	3108	-40° to +100°C	1.397	1.397	0.305	0.055	0.055	0.012
<a href="#">0.3K1CG3</a>	<a href="#">0.3K1CG2</a>	300	3108	-40° to +100°C	0.914	0.914	0.381	0.036	0.036	0.015
<a href="#">1K2CG3</a>	<a href="#">1K2CG2</a>	1000	3263	-40° to +100°C	0.762	0.762	0.381	0.03	0.03	0.015
<a href="#">1K7CG3</a>	<a href="#">1K7CG2</a>	1000	3422	-40° to +100°C	1.067	1.067	0.381	0.042	0.042	0.015
<a href="#">2.2K3CG3</a>	<a href="#">2.2K3CG2</a>	2252	3892	-40° to +125°C	1.905	1.905	0.254	0.075	0.075	0.01
<a href="#">3K3CG3</a>	<a href="#">3K3CG2</a>	3000	3892	-40° to +125°C	1.651	1.651	0.254	0.065	0.065	0.01
<a href="#">5K3CG3</a>	<a href="#">5K3CG2</a>	5000	3892	-40° to +125°C	1.397	1.397	0.305	0.055	0.055	0.012
<a href="#">10K3CG3</a>	<a href="#">10K3CG2</a>	10000	3892	-40° to +125°C	1.016	1.016	0.305	0.04	0.04	0.012
<a href="#">10K4CG3</a>	<a href="#">10K4CG2</a>	10000	3575	-40° to +125°C	1.143	1.143	0.254	0.045	0.045	0.01
<a href="#">30K5CG3</a>	<a href="#">30K5CG2</a>	30000	3811	-40° to +125°C	0.889	0.889	0.381	0.035	0.035	0.015
<a href="#">30K6CG3</a>	<a href="#">30K6CG2</a>	30000	4143	-40° to +125°C	1.397	1.397	0.305	0.055	0.055	0.012
<a href="#">50K6CG3</a>	<a href="#">50K6CG2</a>	50000	4143	-40° to +125°C	1.143	1.143	0.381	0.045	0.045	0.015
<a href="#">100K6CG3</a>	<a href="#">100K6CG2</a>	100000	4143	-40° to +125°C	0.889	0.889	0.381	0.035	0.035	0.015
<a href="#">1M9CG3</a>	<a href="#">1M9CG2</a>	1000000	4582	-40° to +125°C	0.889	0.889	0.254	0.035	0.035	0.01

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## Ordering Information