

## PRODUCT SPECIFICATION CERALABEL T-100, 200, 300

Barcode patterns are printed with ceramic ink and fused at high temperature on a ceramic substrate. These labels have a very strong chemical resistance, high temperature resistance and very long life.

### <Features>

**Application:** Identification and management of products which are subject to harsh environments involved in e.g., heat-treatment processes of metal and ceramic, chemical processes of semiconductors, and very long term outdoor use.

**Material:** Alumina Ceramic( $Al_2O_3$ )

**Size:** Any size

**Thickness:** 0.63, 1.0, 3.0mm etc

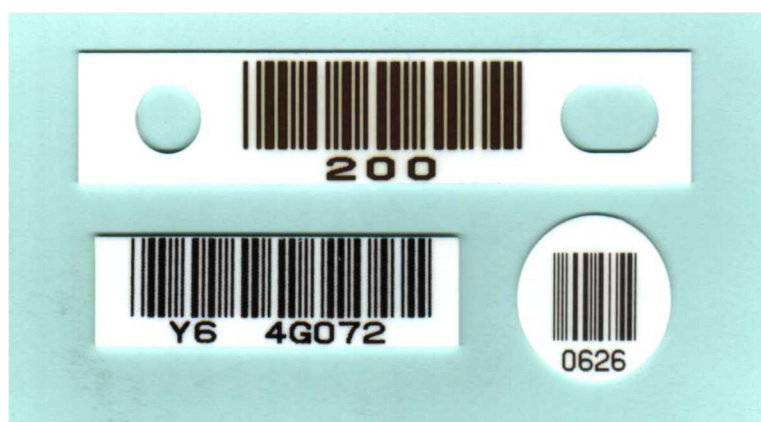
**Holes:** As required by the customer

**Derivative product:** T-100GL, T-200GL, T-300GL etc

### Maximum heat resistance and chemical resistance:

Properties		T-100	T-200	T-300
Maximum Heat Resistance		800°C	1100°C	1400°C
Chemical Resistance	Acid	HCl 20% 20°C	7 days	180 days
		H <sub>2</sub> SO <sub>4</sub> 20% 20°C	7 days	180 days
		HNO <sub>3</sub> 20% 20°C	7 days	180 days
	Alkali	NaOH 20% 20°C	2 days	48 days
	Solvent		No effect	No effect

The above information is based on current information and does not guarantee the characteristics of the product. Please conduct sufficient tests under actual conditions and environments to confirm that there are no problems before deciding to use the product.



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