

## Preliminary Data Sheet



## IN Tag 300 Unique

<b>Chip type:</b>	UNIQUE – read only 64bits		* Test conditions and remarks
<b>Physical:</b>	Diameter:	30.0 mm ± 0.5 mm	
	Thickness:	2.5 mm ± 0.5 mm	
	Hole:	5.2 mm ± 0.3 mm	
	Weight:	3.0 g	
	Material:	PA6 Modified	
		Food compatible	* Directive 90/128/EEC
	Color:	Black	
<b>Electrical:</b>	Operating frequency:	125 kHz ± 6 kHz	* At room temperature
<b>Chemical:</b>	Water immersion IP68		* 20°C, 24h, 1m
	Refer to the application note "PA6 Modified - SOK001"		
<b>Mechanical:</b>	Vibration	IEC 68.2.6	* 10g, 10...2000Hz, 3 axis, 2.5h
	Schock	IEC 68.2.29	* 40g, 18ms, 6 axis, 2000times
<b>Thermal:</b>	Storage:	-40°C to +90 °C	* 1x 1000h
		+140 °C	* 1x 100h
	Shock/fatigue:	-20°C to +85°C	* 50x 10min with transposition in 30s
	Operating:	-25°C to +85°C	
<b>Part number:</b>	601183		

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