



## Data Sheet

## Industry & Logistics



**sokymat**

# LOGI TAG 120 Hitag S

<b>Chip type:</b>	Hitag S – read / write 256 bits or 2kbits, or read only 32 bits		* Test conditions and remarks
<b>Physical:</b>	Diameter:	12.4 mm ± 0.2 mm	
	Thickness:	2.0 +0.4/-0mm	
	Weight:	0.6 g	
	Material:	PPS + Epoxy	
	Color:	Black	
<b>Electrical:</b>	Operating frequency:	125 kHz ± 6 kHz	* At room temperature
<b>Chemical:</b>	Water immersion IP68		* 20°C, 24h, 1m
	Aqueous solution of salts,		* 20°C, 100 h
	Unleaded gasoline, Petroleum, motor oil		* 20°C, 100 h
	HCL (10%), bleach, formic acid (PH7), caustic soda (PH11)		* 20°C, 100 h
<b>Mechanical:</b>	Axial compression strength	800 N	* 10s
	Radial compression strength	500 N	* 10s
	Vibration	IEC 68.2.6	* 10 g, 10...2000 Hz, 3 axis, 2.5 h
	Shock	IEC 68.2.29	* 40 g, 6 ms, 6 axis, 2000 times
<b>Thermal:</b>	Storage:	-40°C to +130 °C	* 1x 1000h
		+160 °C	* 1x 35h
	Shock/fatigue:	-20°C to +160 °C	* 100x 10min with transposition in 30s
	Operating:	-25°C to +85°C	
<b>Part number:</b>	621115 for Hitag S 32, 623115 for Hitag S 256, 624115 for Hitag S 2048		