



**Logi Tag 161 I-Code SLI**  
**13.56 MHz**  
**ISO 15693 / 18000-3**

<b>Chip type:</b>	I-Code SLI Read / Write 1024 bit	Philips Semiconductors	* Test conditions and remarks
<b>Physical:</b>	Diameter:	16.0 mm ± 0.2 mm	
	Thickness:	2.9 mm ± 0.1 mm	
	Weight:	0.9 g ± 0.15 g	
	Material:	Modified thermoplastic	* Food compatible EU norms
	Color:	Gray	
<b>Electrical:</b>	Operating frequency:	13.80 MHz ± 0.300 MHz	* At room temp., without modulation
	Q factor:	>45	* At room temperature
<b>Chemical:</b>	Industrial laundry detergent pH 10-11		* 70°C, 100h
	Neutralizing agent		* 20°C, 100h
	Hydrogen peroxide 5%,		* 70°C, 100h
	Perchlorethylen 100%		* 20°C, 100h
<b>Mechanical:</b>	Axial compression strength:	1000N	* 1x 10s
	Radial compression strength:	1000N	* 1x 10s
	Water Press extraction	20 bars	* 100x 3min
<b>Thermal:</b>	Storage:	-25°C to +85°C	* 1x 1000h
	Operating:	-25°C to +70°C	
	Peak temperature	+120 °C	* 1x 100h
	Heat patch	+220 °C	* 1x 30s
	Laundry spin dryer (set point):	+175 °C	* 100 x 10min
	Laundry tunnel finisher (set point):	+175 °C	* 100 x 10min
<b>Part number:</b>	629108		

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