



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

Chip type:	I-Code SLI Read / Write 1024 bit	Philips Semiconductors	* Test conditions and remarks
Physical:	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	
Electrical:	Operating frequency:	13.80 MHz ± 0.300 MHz	* At room temp., without modulation
	Q factor:	>45	* At room temperature
Chemical:	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
Mechanical:	Axial compression strength:	1000N	* 1x 10s
	Radial compression strength:	1000N	* 1x 10s
	Water Press extraction	20 bars	* 100x 3min
Thermal:	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
Part number:	629108		

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Sokymat SA, Rte Pra-Charbon 27, 1614 Granges, Switzerland, TEL + 41 (0)21 908 0100, FAX + 41 (0)21 908 0101, EMAIL info@sokymat.ch, WEB www.sokymat.com