

Preliminary Data Sheet



IN Tag 500 Hitag S

Chip type:	Hitag S – read / write 2kbits, 256 bits, or read only 32 bits		* Test conditions and remarks
Physical:	Diameter:	50.0 mm ± 0.5 mm	
	Thickness:	3.0 mm ± 0.5 mm	
	Hole:	5.2 mm ± 0.3 mm	
	Weight:	9.5g	
	Material:	PA6 Modified - SOK001	
	Color:	Black	
Electrical:	Operating frequency:	125 kHz ± 6 kHz	* At room temperature
Chemical:	Water immersion IP68		* 20°C, 24h, 1m
	Refer to the application note "PA6 Modified - SOK001"		
Mechanical:	Vibration	IEC 68.2.6	* 10g, 10...2000Hz, 3 axis, 2.5h
	Schock	IEC 68.2.29	* 40g, 18ms, 6 axis, 2000times
Thermal:	Storage:	-20°C to +85°C	* 1x 1000h
		+140°C	* 1x 100h
	Shock/fatigue:	-20°C to +85°C	* 50x 10min with transposition in 30s
	Operating:	-20°C to +85°C	
Part number:	621185 for Hitag S 32, 623185 for Hitag S 256, 624185 for Hitag S 2048		

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