



WORLD TAG Hitag S - 50 mm

Chip type:	Hitag S – read / write 256 bits or 2kbits, or read only 32 bits		* Test conditions and remarks
Physical:	Diameter:	50 mm ± 0.2 mm	
	Thickness:	2.25 mm ± 0.25 mm	
	Hole:	4.2 mm	
	Weight:	5.2g	
	Material:	Polycarbonate	
	Color:	Black	
Electrical:	Operating frequency:	125 kHz ± 6 kHz	*At room temperature
	Min. flux density:	5.6µT RMS	*At RT for read mode at 125 kHz
Chemical:	Water immersion IP 67		*20°C, 35min, 1m
	Aqueous solution of salts		*20°C, 100h
	Unleaded gasoline		*20°C, 100h
	Petroleum		*20°C, 100h
	Mineral and vegetable oil		*20°C, 100h
Mechanical:	Axial compression:	500N	* 10s
	Radial compression :	100N	* 10s
	Vibration	IEC 68.2.6	*10g, 10...2000Hz, 3 axis, 2.5h
	Shock	IEC 68.2.29	*40g, 18ms, 6 axis, 2000 times
Thermal:	Storage:	-40°C to +90 °C	* 1x 1000h
		+100 °C	* 1x 100h
	Shock/fatigue:	-25°C to +70 °C	* 50x 10min with transition in 30s
	Operating:	-25°C to +70°C	
Part number:	621104 for Hitag S 32, 623104 for Hitag S 256, 624104 for Hitag S 2048		

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