



WORLD TAG Unique - 50 mm

Chip type:	UNIQUE – read only 64bits		* Test conditions and remarks
Physical:	Diameter:	50 mm ± 0.2 mm	
	Thickness:	2.2 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
		+130 °C	* 1x 100h
	Shock/fatigue:	-25°C to +70 °C	* 50x 10min with transition in 30s
	Operating:	-25°C to +70°C	
Part number:	601104		

© SOKYMAT reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. SOKYMAT declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.

CLF 3.3.3.24 - 601104	Version : 4	Validation : 11.04.2002	By : PHH
-----------------------	-------------	-------------------------	----------

