



## WORLD TAG Q5 - 30 mm

<b>Chip type:</b>	Q5 – R/W 264 bits		* Test conditions and remarks
<b>Physical:</b>	Diameter:	30 mm ± 0.2 mm	
	Thickness:	2.15 mm ± 0.25 mm	
	Hole:	3.2 mm	
	Weight:	1.9g	
	Material:	Polycarbonate	
	Color:	Black	
<b>Electrical:</b>	Operating frequency:	125 kHz ± 6 kHz	*At room temperature
<b>Chemical:</b>	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
<b>Mechanical:</b>	Axial compression:	500N	* 10s
	Radial compression :	300N	* 10s
	Vibration	IEC 68.2.6	*10g, 10...2000Hz, 3 axis, 2.5h
	Shock	IEC 68.2.29	*40g, 18ms, 6 axis, 2000 times
<b>Thermal:</b>	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	
<b>Part number:</b>	612103		

© 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 3.3.3.47 - V3 - 13.07.2004 - Released - DefKey : 11571

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](mailto:info@sokymat.ch), WEB [www.sokymat.com](http://www.sokymat.com)