



sokymat

Volcano Tag 231 Unique

Chip type:	UNIQUE – read only 64bits		* Test conditions and remarks
Physical:	Diameter:	26.0 mm ± 0.2 mm	
	Thickness:	4.0 mm ± 0.2 mm	
	Hole:	4.5 mm ± 0.2 mm	
	Weight:	3.6 g	
	Material:	PA High Temperature	
	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:	-25°C to +140 °C	* 1x 1000h
		+200 °C	* 5x 35min
	Shock/fatigue:	+20°C to +160 °C	* 100x 5min with transposition in 30s
	Operating:	-25°C to +85°C	
Part number:	601170		

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