

Data Sheet



ID Band Unique / Q5

Chip type:	UNIQUE – read only 64bits Q5 – R/W 256 Kbits		* Test conditions and remarks
Physical:	Strap width	16.3 ± 0.3 mm	
	Strap length :	247 ± 2 mm	
	Strap thickness:	1.4 ± 0.3 mm	
	Housing thickness	3.7 ± 0.3 mm	
	Weight	8.65 ± 1.0 g	
	Material:	Strap & Strap holder: TPE E, 25 Shore D polyether-ester elastomer Housing and Buckle: PC, Makrolon 2407	
Colour:	Dark blue: Pantone 541C		
Electrical:	Operating frequency:	125 kHz ± 6 kHz	* RT, WK 6440B & Antenna MA8200-1 @ 30 mV (Unique), @ 10 mV (Q5)
Chemical:	Water immersion IP68		* 20°C, 24 hours, 2m
	Chlore 0.6 mg/l (according to norm SIA 385/1)		* 27°C, 100 hours
Thermal:	Operating temperature:	-25°C to +50°C	
	Storage temperature:	-25°C to +50°C	* 1x 1000h
	Peak temperature	+100 °C	* 1x 24h
	Shock/fatigue:	+20°C to +100 °C	* 50 x 15min with transition in 30 min
Option:	- Others colours upon request - Upon request a one color logo can be printed either on the strap or on the housing Printing resistance of logo depends on application		
Part number:	601045 (Unique) 612045 (Q5)		

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