



IRC U	UHF ON Metal	EU 865-868 MHz 18000-6C EPC Class 1 Gen2	Different sizes	Adhesive
<i>Product Code</i>	<i>Usable</i>	<i>Frequency - ISO/IEC</i>	<i>Dimensions mm.</i>	<i>Mounting</i>

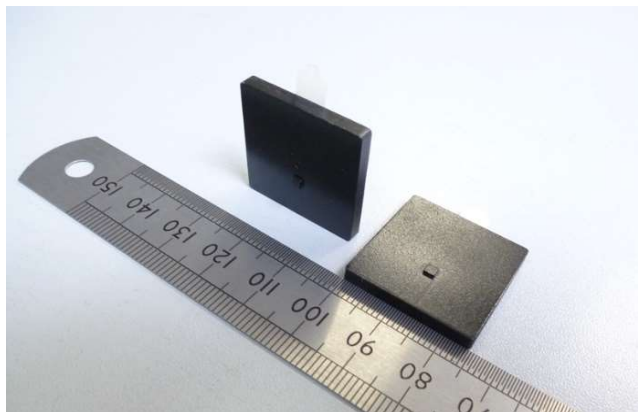
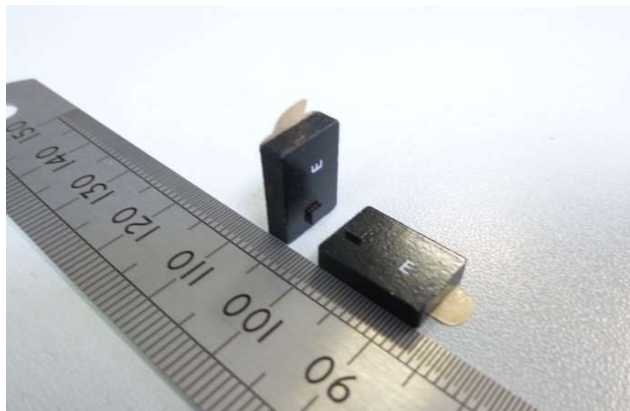
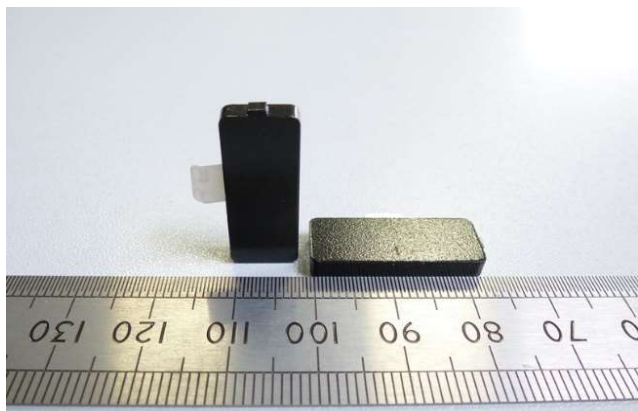
ON-Metal UHF tags made of CERAMIC temperature resistant. Available in a wide range of sizes, from micro to maxi. Can only be used on metal

Can be fixed with double-sided tape or with two-component epoxy resins

Typical Applications: Industrial assets in harsh environments

Services Available: Coding chip

Available IC/Chip: Ucode-8, Monza 6/P, Higgs 9





Product Code

IRC U

DS_E Product Datasheet - Page 2/2

Versioni prodotto disponibili

IRC U-10.05 E	CERAMIC UHF-Tag for Metal size 10x5 mm
IRC U-13.09 E	CERAMIC UHF-Tag for Metal size 13x9 mm
IRC U-23.09 E	CERAMIC UHF-Tag for Metal size 23x9 mm
IRC U-25.25 E	CERAMIC UHF-Tag for Metal size 25x25 mm

Available versions and technical features

Product Code:	IRC U-10.05 E	IRC U-13.09 E	IRC U-23.09 E	IRC U-25.25 E	
Frequency	EU 865-868 MHz	EU 865-868 MHz	EU 865-868 MHz	EU 865-868 MHz	
ISO Protocol	18000-6C Gen2	18000-6C Gen2	18000-6C Gen2	18000-6C Gen2	
IC/Chip	Ucode-8	Ucode-8	Ucode-8	Ucode-8	
EPC	128 bits	128 bits	128 bits	128 bits	
User Memory	0 bits	0 bits	0 bits	0 bits	
Reading Distance (1)	From 50 to 600 Cm	Up to 300 Cm	Up to 400 Cm	Up to 600 Cm	
Opzionale Chip:	Ucode-8, Monza 6/P, Higgs 9				

Product certifications

Housing Material	Ceramic	Ceramic	Ceramic	Ceramic	
Weight grams	ND				
Standard Colors	RAL Yellow	RAL Yellow	RAL Yellow	RAL Yellow	
IP Class Protection	IP68	IP68	IP68	IP68	
Operating Temp. C°(2)	-40/+85 °C	-40/+85 °C	-40/+85 °C	-40/+85 °C	
Storage Temp. C° (3)	-40/+150 C°	-40/+150 C°	-40/+150 C°	-40/+150 C°	
Chemical resistance					

(1) With reader 2W ERP - (2) Continuous use - (3) For a short time

Category	Chemical resistance of housing
T	
T	
T	
T	

To check the chemical resistance of the polymers in your process, we recommend that you always carry out a preliminary test with several samples.
Download from our website the document "CHEMICAL RESISTANCE of POLYMERS" or contact our offices for more information.



RFID Tag Manufacturer
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