



MICRO TAG

Omnia Micro tag is a miniature UHF on-metal tag, which for its size provides unparalleled performance. It offers new possibilities for companies to improve their asset management, especially computers and other devices that contain valuable information.

Specifications

Product Code: U325121

Electrical Characteristics

Air Interface Protocol	ISO/IEC 18000-6C, EPC Global C1G2
Operating Frequency Range	860-960MHz
Read Distance	4-5 m / 13-20 ft **, reader power 4W EIRP (Dependent on application)

Mechanical Characteristics

Length	52 mm / 2 inch
Width	16 mm / 0.63 inch
Thickness	8.5 mm / 0.33 inch
Weight	5 gms
Encasing Material*	PC/ABS High Impact
Quality Assurance	100% read tested
Color*	Grey

General Characteristics

Ingress Protection	IP67 <ul style="list-style-type: none">- Complete protection against dust- Protection against temporary immersion in water
Operating Temperature	-25°C to +85°C / -13°F to +185°F
Storage Temperature	--25°C to +85°C / -13°F to +185°F
Attaching Mechanism	Riveting screws/Adhesive***
Applicable Surface Materials	Metal, Plastic
Expected Lifetime	Years in normal operating conditions

Chemical Resistance

No physical or performance changes in:	- 2 hour Salt water exposure (salinity 10%) - 2 hour Motor oil exposure
	Additionally, short time exposure resistant against HCL, MEK, IPA.

Additional Services/Options

Pre encoding	On request
Customization	Logo/text printing on request***

Quoted performance achieved using in Omnia test lab conditions:

Micro; on metal 4.0-5.0 m

* Others on request

** Actual read range may vary depending upon the reader power and environmental factors

*** Available as option at extra cost

Contact Omnia Technologies for additional information.

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Omnia reserves the right to change/update any information provided above without prior notice.