

# DATASHEET

## Rivet Tag

Tag Code: L361131

Rivet Tag can be used for various industrial or agricultural identification applications. The installation method is inserting the tag after drilling a hole on the asset's surface. It is idea for wood (tree) and plastic bin identification and tracking application.



## Electrical Specification

Air Interface Protocol	ISO/IEC 11784/85, Read Only Mode
Operational Frequency**	125kHz (134.2kHz on request)
Chip**	EM4200
	128 bit laser programmed ROM (64 & 96 bit option available)
	Several options of data rate and data encoding
	<ul style="list-style-type: none"> <li>❖ Manchester 32 &amp; 64 RF clock per bit</li> <li>❖ Biphas 32 &amp; 64 RF clock per bit</li> <li>❖ PSK 16 RF clock per bit</li> <li>❖ FSK2 50RF clock per bit</li> </ul>

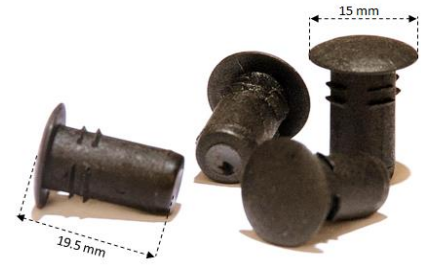
## Physical / Mechanical Specification

Length	19.5 ± 0.2 mm
Shaft dia	9.0 ± 0.2 mm
Head dia	15mm
Weight	1.9 gm
Encasement	Nylon/ PC
Color**	Black
Quality Assurance	100% reader tested

## Environmental Resistance

Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Ingress protection rating	IP67
Attachment***	Direct insertion
Expected Lifetime	Years in normal operating conditions

## Dimensions



## Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours

Resistant to continuous exposure to motor oil for 2 hours

Additionally, abrasion resistant against HCL and IPA

## Additional Services

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

\* Actual Read range may vary depending upon the reader and environmental factor

\*\* Other on request

\*\*\* Available as an option at extra cost

## Order Information

L361171	With EM 4200
L361131	With EM 4305
L361055	With NXP HitagS 256

### Omnia Technologies Pvt. Ltd.

Corporate Office

Plot No. 145, Udyog Vihar Phase 1, Gurugram, Haryana-122016, INDIA

Manufacturing Unit

Plot No. 68, Sector-5, IMT Manesar, Gurugram, Haryana-122050, INDIA | +91(124) 4366174, 4366411, +91 (124) 4366410 (Fax)