

MAGICSTRAP® **muRata**

## Murata's MAGICSTRAP® Line-Up for Printed Circuit Board Tracking

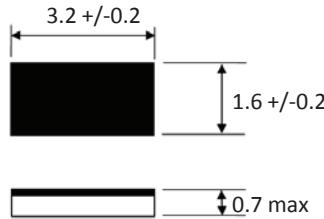
**Murata's MAGICSTRAP® UHF RFID module is a perfect solution for product traceability when mounted on the printed circuit board.**

### Product Line-Up

P/N	Type*	IC	EPC	User Memory	TID	Op Temp	
LXMS31ACNA-009	1	NXP G2XM Impinj Monza4QT	up to 240 bits	512 bits	64 bits	-40°C to +85°C	
LXMS31ACNA-010	2						
LXMS31ACNA-011	3						
LXMS31ACNA-012	4						
LXMS31ACMD-141	1		up to 128 bits	512 bits	64 bits		
LXMS31ACMD-142	2						
LXMS31ACMD-143	3						
LXMS31ACMD-144	4						

\*Type refers to the impedance matching characteristics.

### Dimensions



### Development Tools

#### Application notes

##### Product Design - Broadband Performance

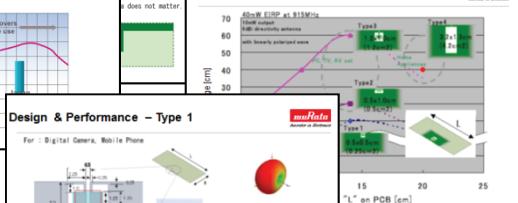


How to Design Pad - 1



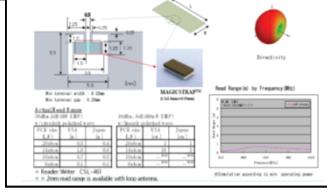
#### Performance comparisons

##### Read Range at Low Power (40mw EIRP)

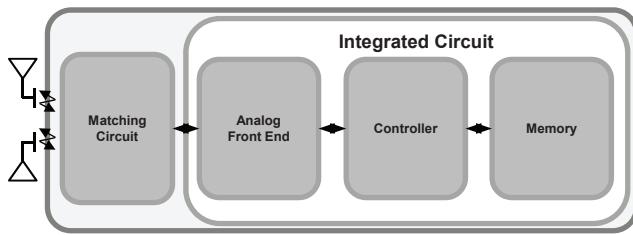


#### Reference antenna designs

##### Design & Performance - Type 1



### Block Diagram



Contents subject to change without notice.

