

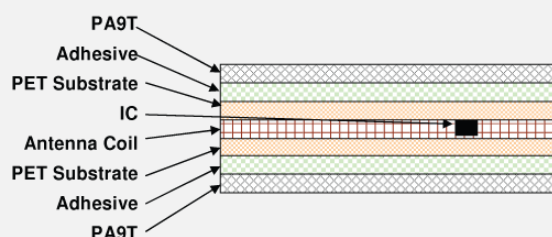
# Mi-RFID LAUNDRY TAG

## Mi-TU-3508



### MECHANICAL DIMENSIONS

<b>A</b>	Tag Width	14.0 ± 0.5	mm
<b>B</b>	Tag Length	52.0 ± 0.5	mm
<b>C</b>	Tag Thickness	1.0 ± 0.5	mm



### FEATURES

<b>Applications</b>	• Asset management, Laundry Tags
<b>Operating Distance</b>	Typically ~ 3m on air (9dbi antenna) Typically ~ 1.0m on air using Handheld Reader
<b>Frequency</b>	860MHz – 960MHz
<b>Transmission</b>	Passive
<b>Protocol</b>	EPC Class 1 Gen 2 Compliant
<b>Compliance</b>	
<b>Functions</b>	<ul style="list-style-type: none"> <li>• Anti-Collision: Slotted Aloha</li> <li>• Multiple Read Capability: 50 tags/seconds (ID Read)</li> <li>• Multiple Read Capability: 500 tags/seconds (EPC Read)</li> </ul>
<b>Chip</b>	• Impinj Monza 5
<b>Memory</b>	• 128 bit EPC • 512 bit User
<b>ARI</b>	Yes
<b>Write Protection</b>	Block Wise
<b>Static Pressure</b>	10 N/mm <sup>2</sup>
<b>Data Sheet Version</b>	Mi-TU-3508-01
<b>Date</b>	20 Oct 2014

### DELIVERY FORM

<b>Physical Characteristics</b>	Flexible Substrate
<b>Substrate Type &amp; Heat Resistance</b>	Option 1: 50µm Polyester (PET) ±0.1% shrinkage at 150°C for 1 min Option 2: 50µm Polyimide (PI) ±0.1% shrinkage at 250°C for 1 min
<b>Antenna</b>	MiRFID™ 3508 Antenna
<b>Antenna Material</b>	Etched Antenna
<b>Operating Temperature</b>	-20°C to 85°C
<b>EAS</b>	Yes
<b>Printable Area</b>	Yes (optional)
<b>Write Endurance Cycle</b>	100,000 cycles
<b>Data Retention</b>	Typical 10 years
<b>Tag Format</b>	Die-cut
<b>Tag Face Material</b>	TPU
<b>Tag Backing Material</b>	Siliconized backing paper
<b>Final Inspection</b>	100% inspection. Yield >98%.
<b>Appearance</b>	Singulated Units
<b>Packaging</b>	Packed in cardbox

A Product of:



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