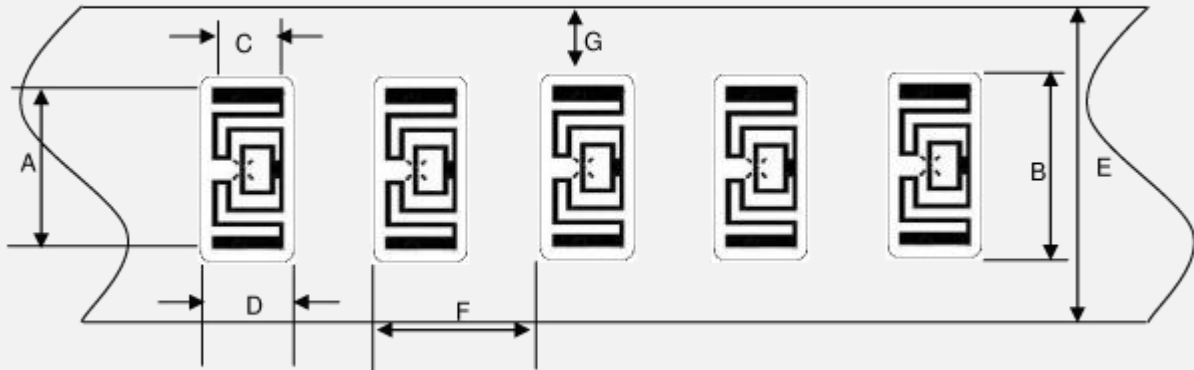


MiRFID UHF LABEL Mi-LU-ZSNAB-2030



MECHANICAL DIMENSIONS

A	Antenna Width	45.0 ± 0.5	mm
B	Wet Inlay Width	55.0 ± 0.5	mm
C	Antenna Length	20.0 ± 0.5	mm
D	Wet Inlay Length	30.0 ± 0.5	mm
E	Web Width	65.0 ± 1.0	mm
F	Wet Inlay Pitch	44.45 ± 0.50	mm
G	Wet Inlay To Web Edge	5.0 ± 0.5	mm

A Product of:



MDT INNOVATIONS SDN. BHD.
Suite 19-04A, The Pinnacle Persiaran Lagoon, Bandar
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MiRFID UHF LABEL

Mi-LU-ZSNAB-2030



FEATURES

Applications	• Garment Tags
Operating Distance	Typically ~ 5m on air (9dbi antenna) Typically ~ 2.4m on air using Mi870E Handheld Reader
Frequency	860-960 MHz
Transmission	Passive
RF Air Protocol	EPC Class 1 Gen 2 Compliant
Functions	• Anti-Collision: Slotted Aloha • Multiple Read Capability: 50 tags/seconds (ID Read) • Multiple Read Capability: 500 tags/seconds (EPC Read)
Chip	• Impinj Monza 5
Memory	• 128 bits EPC memory
Write Protection	Block Wise
Static Pressure	10 N/mm ²

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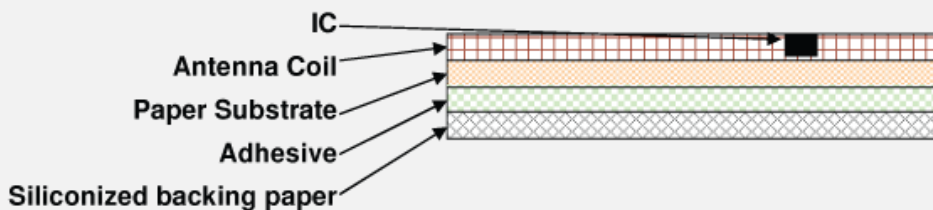
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Mi-LU-ZSNAB-2030



DELIVERY FORM

Physical Characteristics	Flexible Substrate	
Substrate Type & Heat Resistance	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
	Option 3: 50µm Paper	±0.3% shrinkage at 150°C for 1 min
Antenna	MiRFID™ ET-4520-00LL Antenna	
Antenna Material	Printed Antenna (Silver Ink)	
Operating Temperature	-20°C to 85°C	
EAS	YES	
Write Endurance Cycle	100,000 cycles	
Data Retention	Typical 10 years	
Tag Format	Die-cut	
Tag Face Material	Not Applicable	
Tag Backing Material	Siliconized Paper 56	
Final Inspection	100% inspection. Yield >98%.	
Printable Area	Yes (optional)	
Appearance	Single-row reel form	
Reel Core	Paper core inner diameter 76mm	
Reel Length	Max 5000 pieces per reel	
Reel Diameter	Max 30cm	
Packaging	Reels in shrink film and packed in cardbox	



Data Sheet Version	Mi-LU-ZSNAB-2030-01
Date	09 May 2013

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