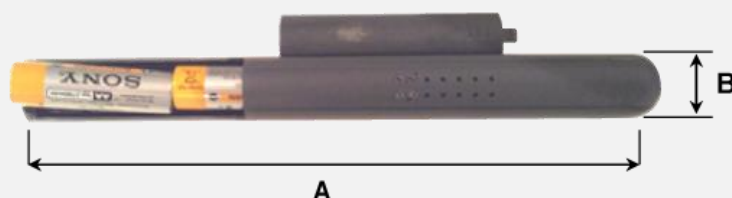


MIRFID ACTIVE TAG

MiA-EM-TBFVB-71210(4B2d-VT)



MECHANICAL DIMENSIONS

A	Tag Length	210.0 ± 1.0	mm
B	Tag Diameter	20.0 ± 1.0	mm

FEATURES

Applications	<ul style="list-style-type: none"> • Apparel Tags • Asset Management
Operating Distance	<p>Typically ~ 9m on air (9dbi antenna)</p> <p>Typically ~ 9m on air using Mi870E Handheld Reader</p>
Frequency	860-960 MHz
Transmission	Passive
RF Air Protocol	EPC Class 1 Gen 2 Compliant
Functions	<p>Anti-Collision: Slotted Aloha</p> <p>Multiple Read Capability: 50 tags/seconds (ID Read)</p> <p>Multiple Read Capability: 500 tags/seconds (EPC Read)</p>
Chip	Impinj Monza 4
Memory	128 bits EPC memory

DELIVERY FORM

Physical Characteristics	Flexible Substrate with E-String
AFI	Yes
Write Protection	Block Wise
Static Pressure	10 N/mm ²
Antenna	MiRFID™ LT002 Antenna
Antenna Material	Copper
Operating Temperature	-20°C to 85°C
Write Endurance Cycle	100,000 cycles
Data Retention	Typical 10 years
Tag Format	Singulated Tag
Tag Face Material	Epoxy Mi-ED11
Tag Backing Material	Epoxy Mi-ED11
Final Inspection	100% inspection. Yield >98%.
Printable Area	Yes (optional)
Appearance	Singulated Tag with E-String
Packaging	Packed in cardbox

Data Sheet Version	MiA-EM-TBFVB-71210-4B2d-VT
Date	22 SEPTEMBER 2010

A Product of:



MDT INNOVATIONS SDN. BHD.
 Suite 19-04A, The Pinnacle Persiaran Lagoon, Bandar Sunway 46150 Petaling Jaya, Malaysia.
 TEL: +60(3) 7610 2988
 FAX: +60(3) 7610 2999
 EMAIL: contact@mmdt.cc



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