

UHF Dry inlay

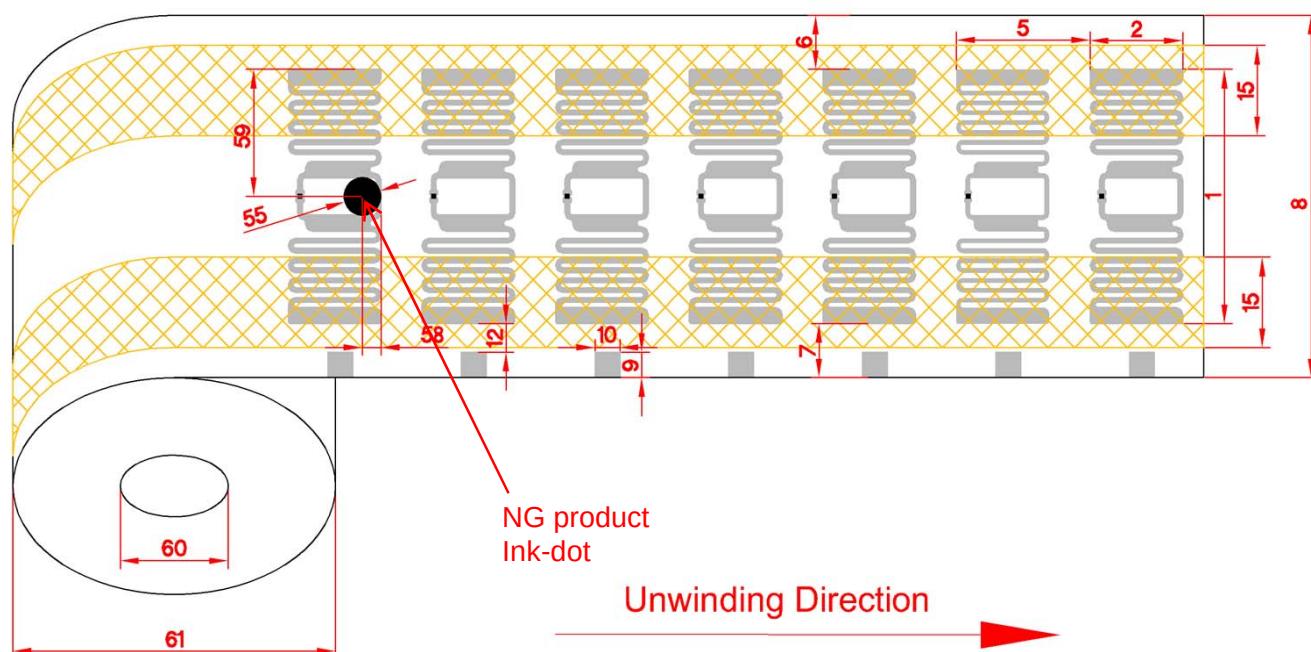
(Item : AN040015E1U-AR61F)

1. Performance Specifications

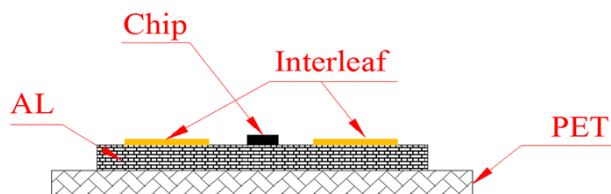
RFID Chip	Impinj/Monza R6	
Protocol	ISO/IEC 18000-6C, EPCglobal Class 1 Gen 2	
Operating Frequency	860~960MHz	
Operating Mode	Passive(Battery free)	
Memory	48 bit TID, Up to96 bit EPC, 0 bit User Memory	32Bits Access, 32Bits Kill
IC Life	100,000 Programming cycles, 10 years data retention	
Read distance	Average reading distance >3m (Reader and Environment Dependent)	

2. Mechanical Dimensions

NO.	Item	Parameter(mm)	Tolerance	Parameter(in.)
1	Antenna Width	40.00 mm	± 0.20 mm	1.575 in
2	Antenna Length	15.00 mm	± 0.20 mm	0.591 in
5	Antenna Pitch	21.59 mm	± 0.50 mm	0.850 in
6	Antenna to PET (Top)	8.50 mm	± 1.00 mm	0.335 in
7	Antenna to PET (Bottom)	8.50 mm	± 1.00 mm	0.335 in
8	PET Width	57.00 mm	± 1.00 mm	2.244 in
9	Mark Width	4.00 mm	± 0.20 mm	0.157 in
10	Mark Length	4.00 mm	± 0.20 mm	0.157 in
12	Mark to Antenna (Bottom)	4.35 mm	± 0.20 mm	0.171 in
15	Interleaf Width	15.00 mm	± 1.00 mm	0.591 in
55	Ink-dot Size	6.00 mm	± 2.00 mm	0.236 in
58	Ink-dot to Product Edge(Right)	3.00 mm	± 1.00 mm	0.118 in
59	Ink-dot to Product Edge(Top)	20.00 mm	± 1.00 mm	0.787 in
60	Core inner diameter	153.42 mm	± 1.00 mm	6.040 in
61	Reel Outer diameter	≤ 295(Based on the actual shipment quantity)		



3. Dry inlay Structure



Chip	Silicon	150μm ± 10μm
Antenna AL	Aluminum etching	10μm ± 3μm
Antenna PET	Transparent PET	50μm ± 3μm
Interleaf	Kraft (Chip protected paper)	50 ~ 60μm

4. Environment Requirement

Operating Temperature/Humidity	-0~60℃ / 20%~80% RH	
Storage Temperature/Humidity	20~30℃ / 20%~60% RH	
Shelf Life	1 year in anti-static bag at 20~30℃ / 20% ~60% RH	
ESD Voltage Immunity	2 kV (HBM)	
Bending Diameter	> 50mm	

5. Delivery Details

Appearance	Single row reel form	
Quantity	15000±300pcs/roll; 2roll/carton	Based on the actual shipment quantity
Weight	To be determined	
Final inspection	100 %, known faulty ones marked	
Delivery yield	≥ 99%	

Packaging
Photograph



AllGood-Group reserves the right for modifying the specification data without notice in advance!

AllGood-Group Shenzhen AllGood Sci & Tech Co., Ltd.
<http://www.allgood-group.cn> <http://www.allgood-rfid.com>