

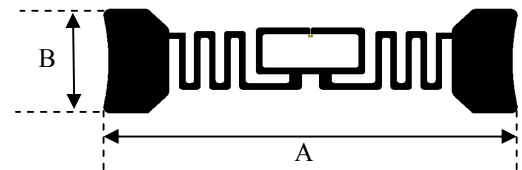
Invengo xWing Wet Inlay

XCTF-8029-C13-FSI

Product Specification

Mechanical dimensions

A	Antenna length	69 ± 0.2 mm	2.716 in
B	Antenna width	17 ± 0.2 mm	0.669 in
C	Die-cut length	70 ± 0.2 mm	2.756 in
D	Die-cut width	19 ± 0.2 mm	0.748 in
E	Web width	78 ± 1 mm	3.07 in
F	Pitch	22.48 ± 0.2 mm	0.885 in
G	Die-cut to edge	4 ± 1 mm	0.157 in
H	Core size	76.2 mm	3 in
	PET thickness	0.05 mm	0.002 in
	Aluminum antenna thickness	0.009 mm	0.0003 in



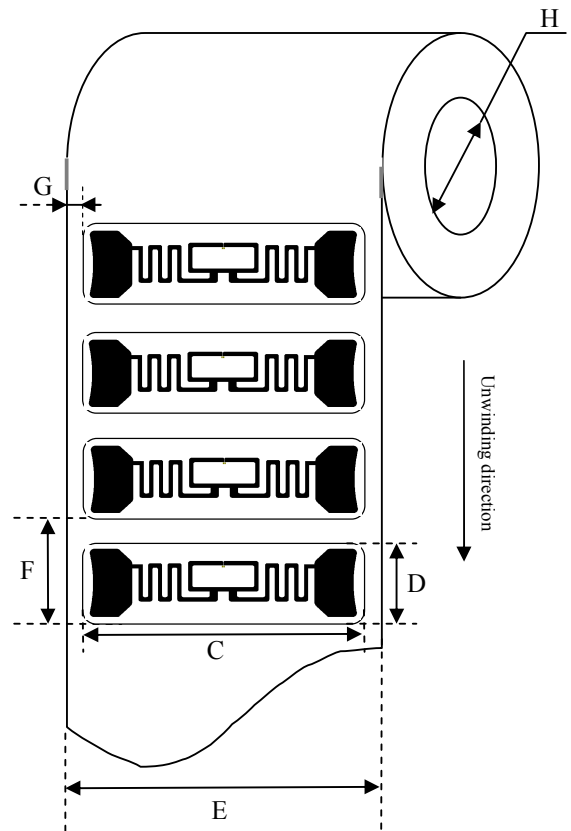
Antenna Size:
69 x 17 mm
2.716 x 0.669 in

Features

Compliant to EPCglobal C1 Gen 2 & ISO18000-6C
Operating frequency 840-960MHz
Monza5 chip
Superior read/write sensitivity
General purpose transponder tuned for global use

Environmental

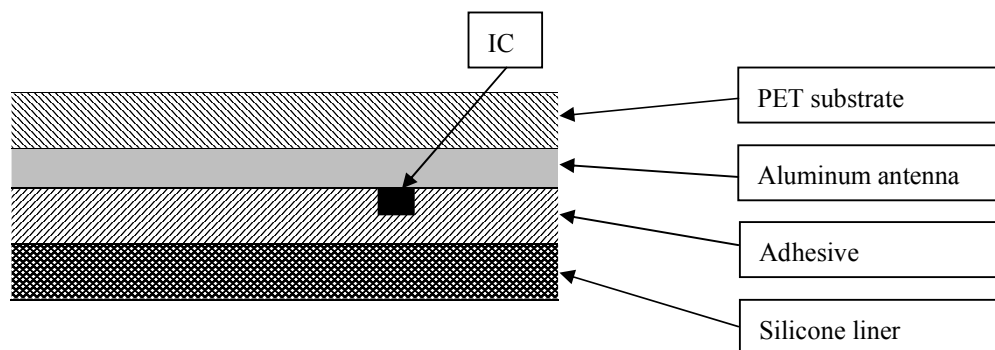
Operating temperature -40°C to $+85^{\circ}\text{C}$ (-40°F to $+185^{\circ}\text{F}$)
Storage temperature -20°C to $+50^{\circ}\text{C}$ (-4°F to $+122^{\circ}\text{F}$)
ESD $\pm 2000\text{V}$ peak
Bending diameter $>50\text{mm}$, tension less than 10N
Static pressure $<10\text{MPa}$ (10N/mm^2)
Shelf life: From the date of manufacture 2 years in storage temperature



RFID

Protocols supported	EPCglobal C1 Gen 2 & ISO18000-6C
Integrated Circuit	Impinj Monza 5
Operating frequency	840~960MHz
EPC size	128 bits
TID	32bits model number and 48 bits serialized number
Access password	32 bits
Kill password	32 bits

Structure



Order Information

Product name	xWing wet inlay
Product number	XCTF-8029-C13-FSI
Roll size	15,000pcs/roll, 1roll/box
Yield rate	≥ 97 %
Final inspection	100%, known faulty ones marked with black dot
Joint	≤ 2 connection each roll, marked in color
Core size	3 inch/76.2 mm
Winding direction	Inlay face outside of the roll. Chip trailing
Inlay adhesive	Acrylic
Net weight	
Gloss weight	
Size of box	

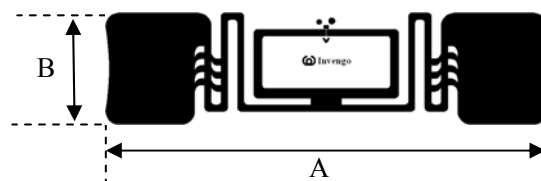
Invengo xWing Wet Inlay

XCTF-8041-C16-FSI

Product Specification

Mechanical dimensions

A	Antenna length	67 ± 0.2 mm	2.638 in
B	Antenna width	17 ± 0.2 mm	0.669 in
C	Die-cut length	70 ± 0.2 mm	2.756 in
D	Die-cut width	19 ± 0.2 mm	0.748 in
E	Web width	78 ± 1 mm	3.07 in
F	Pitch	22.48 ± 0.2 mm	0.885 in
G	Die-cut to edge	4 ± 1 mm	0.157 in
H	Core size	76.2 mm	3 in
	PET thickness	0.05 mm	0.002 in
	Aluminum antenna thickness	0.009 mm	0.0003 in



Antenna Size:
67 x 17 mm
2.638 x 0.669 in

Features

Compliant to EPCglobal C1 Gen 2 & ISO18000-6C

Operating frequency 840-960MHz

NXP UCODE7 chip

Superior read/write sensitivity

General purpose transponder tuned for global use

Environmental

Operating temperature -40°C to $+85^{\circ}\text{C}$ (-40°F to $+185^{\circ}\text{F}$)

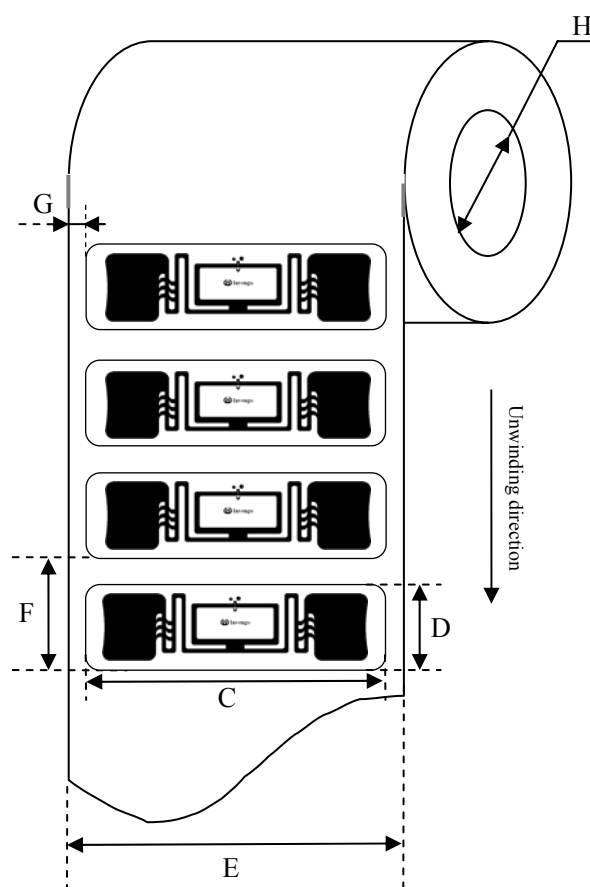
Storage temperature -20°C to $+50^{\circ}\text{C}$ (-4°F to $+122^{\circ}\text{F}$)

ESD $\pm 2000\text{V}$ peak

Bending diameter $> 50\text{mm}$, tension less than 10N

Static pressure $< 10\text{MPa}$ (10N/mm^2)

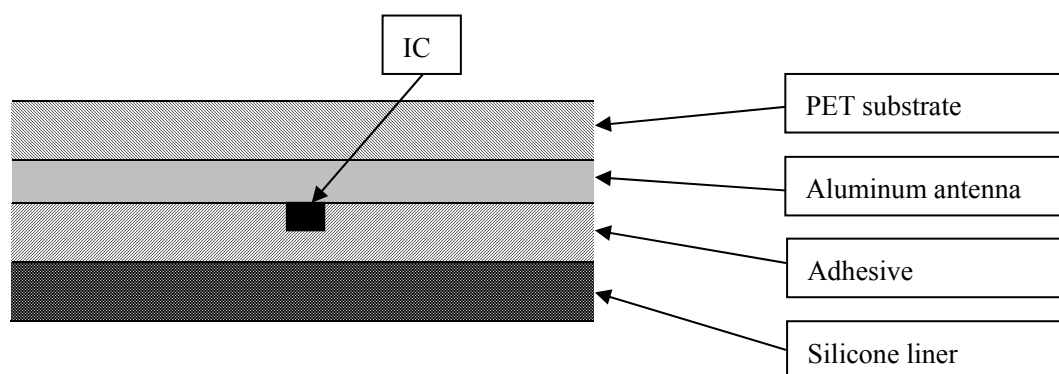
Shelf life: From the date of manufacture 2 years in storage temperature



RFID

Protocols supported	EPCglobal C1 Gen 2 & ISO18000-6C
Integrated Circuit	NXP UCODE7
Operating frequency	840~960MHz
EPC size	128 bits
TID	96 bits TID including 48 bits serialized number
Access password	32 bits
Kill password	32 bits

Structure



Order Information

Product name	xWing wet inlay
Product number	XCTF-8041-C16-FSI
Roll size	15,000pcs/roll, 1roll/box
Yield rate	≥97%
Final inspection	100%, known faulty ones marked with black dot
Joint	≤ 2 connection each roll, marked in color
Core size	3 inch/76.2 mm
Winding direction	Inlay face outside of the roll. Chip trailing
Inlay adhesive	Acrylic
Net weight	
Gloss weight	
Size of box	