



T A G E O S

# EOS-120

The Tageos EOS-120 is a small wide-band Gen2 UHF RFID label with a short read range designed to identify small items such as pharmaceuticals or paper cups.

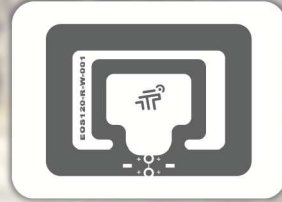
**APPLICATIONS**



Cosmetics



Healthcare



## GENERAL SPECIFICATIONS

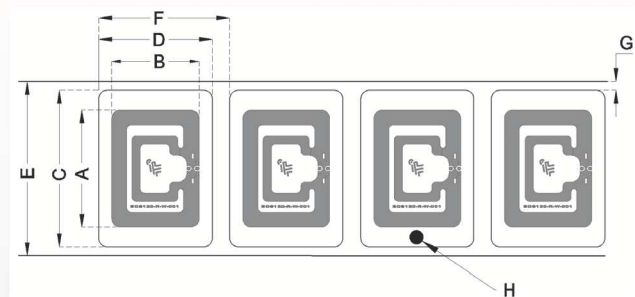
<b>Frequency</b>	FCC 902-928 MHz / ETSI 865-868 MHz / ASIA 950-956 MHz
<b>Protocol</b>	EPC Class 1 Gen 2
<b>EPC memory</b>	Up to 480 bits
<b>User memory</b>	Up to 512 bits
<b>Antenna size</b>	27 x 20 mm / 1.06 x 0.79 in
<b>Label size</b>	36 x 26 mm / 1.42 x 1 in

## AVAILABLE FORMATS



## MECHANICAL DIMENSIONS

DIMENSIONS	DESCRIPTION	METRIC	US
A x B	Antenna size	27 x 20 mm	1.06 x 0.79 in
C x D	Label size	36 x 26 mm	1.42 x 1 in
E	Web width	40 mm	1.57 in
F	Pitch	30 mm ± 1	1.18 in
G	Die-cut to web edge	2 mm	0.08 in
H	Bad mark	Ø 4 mm	Ø 0.16 in



FEED DIRECTION →



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# PRODUCT DATASHEET **EOS-120**

## RFID CHIP SILICON

TAG SILICON	ALIEN HIGGS 3	IMPINJ MONZA R6
Protocol	EPC Class 1 Gen2	EPC Class 1 Gen2
Operating frequency	860 – 960 MHz	860 – 960 MHz
EPC memory	Up to 480 bits	96 bits
User memory	512 bits	-
Operating temperature	-50°C / +85°C (-58°F / +185°F)	-40°C / +85°C (-40°F / +185°F)

## PRODUCT CHARACTERISTICS


	ADHESIVE LABEL
Antenna material	Aluminum
Front face material	White TT printable paper White TT printable plastic
Back face material	-
Adhesive	Solvent-free permanent acrylic adhesive
Final inspection	100% tested, defective tags marked

## DELIVERY CONDITIONS

	ADHESIVE LABEL
Packaging	Roll (single row)
Core inner diameter	76 mm / 3 in
Roll outer diameter	200 mm / 7.87 in
Unwinding direction	Labels on outside of roll
Standard roll size	4000 pcs
Minimum order quantity	One roll

## CERTIFICATIONS & APPROVALS



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