



T A G E O S

EOS-110

The Tageos EOS-110 is a small wide-band Gen2 UHF RFID label with a short read range designed to identify very small items. The label is suitable for item-level labeling needs in jewelry or healthcare industry.

APPLICATIONS



Jewelry



Healthcare



GENERAL SPECIFICATIONS

Frequency FCC 902-928 MHz / ETSI 865-868 MHz / ASIA 950-956 MHz

Protocol EPC Class 1 Gen 2

EPC memory Up to 128 bits

User memory Up to 128 bits

Antenna size 14 x 11 mm / 0.55 x 0.43 in

Label size 18 x 15 mm / 0.71 x 0.59 in

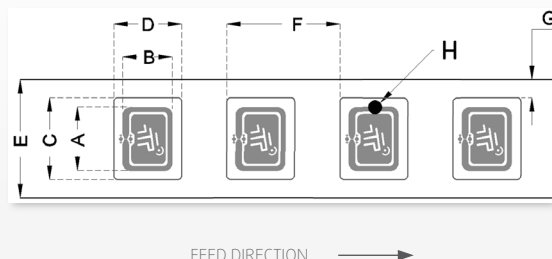
AVAILABLE FORMATS



Adhesive label

MECHANICAL DIMENSIONS

DIMENSIONS	DESCRIPTION	METRIC	US
A x B	Antenna size	14 x 11 mm	0.55 x 0.43 in
C x D	Label size	18 x 15 mm	0.71 x 0.59 in
E	Web width	25 mm	0.98 in
F	Pitch	25 mm $\pm$ 0,5 mm	0.98 in
G	Die-cut to web edge	4,5 mm	0.18 in
H	Bad mark	$\varnothing$ 4 mm	$\varnothing$ 0.16 in





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RFID CHIP
SILICON

TAG SILICON	ALIEN HIGGS 4	IMPINJ MONZA R6	IMPINJ MONZA R6-P
Protocol	EPC Class 1 Gen 2	EPC Class 1 Gen 2	EPC Class 1 Gen 2
Operating frequency	860 – 960 MHz	860 – 960 MHz	860 – 960 MHz
EPC memory	Up to 128 bits	96 bits	Up to 128 bits
User memory	128 bits	-	Up to 64 bits
Operating temperature	-50°C / +85°C (-58°F / +185°F)	-40°C / +85°C (-40°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	2500 pcs
Minimum order quantity	One roll

CERTIFICATIONS &
APPROVALS

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