



T A G E O S

Product Specifications


EOS-241

45x19mm / 1.77x0.75in

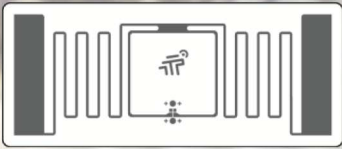
EOS-241

45x19mm / 1.77x0.75in

APPLICATIONS



Apparel

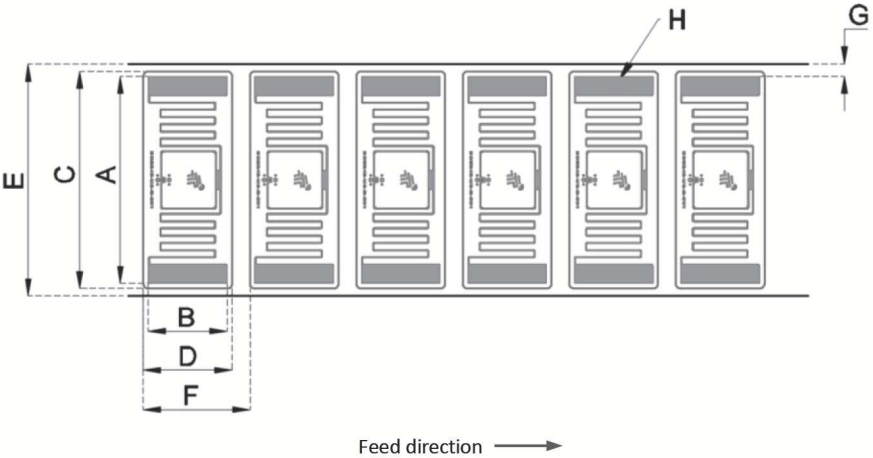


GENERAL SPECIFICATION

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 64 bits
Antenna size	42 x 16 mm / 1.65 x 0.63 in
Label size	45 x 19 mm / 1.77 x 0.75 in

MECHANICAL DIMENSIONS

Antenna size	A x B	42 x 16 mm	1.65 x 0.63 in
Label size	C x D	45 x 19 mm	1.77 x 0.75 in
Web width	E	50 mm	1.97 in
Pitch	F	23 mm ± 0,5 mm	0.91 in
Die-cut to web edge	G	2.5 mm	0.10 in
Bad mark	H	∅ 4 mm	∅ 0.16 in



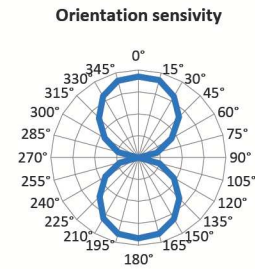
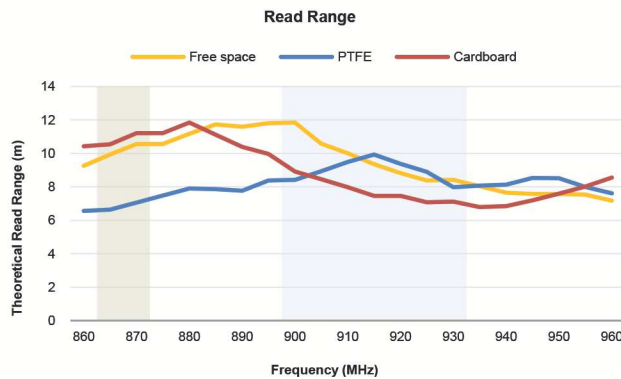
RFID IC

IC	NXP Ucode 7	NXP Ucode 8	Impinj Monza R6 (R6-P & R6-A)
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	128 bits	128 bits	Up to 128 bits
User memory	-	-	Up to 64 bits
Operating temperature	-40°C / +85°C (-40°F / +185°F)	-40°C / +85°C (-40°F / +185°F)	-40°C / +85°C (-40°F / +185°F)

MATERIAL CHARACTERISTICS

Antenna material	Aluminum
Front face material	White TT printable paper
Back face material	-
Adhesive	Solvent-free permanent acrylic adhesive

TAG READ PERFORMANCE



All the graphs are indicative; performance in real life applications may vary. The data has been determined based on calculations for transmitters with a 2W ERP output power level and an NXP Ucode 8 tag silicon.

PACKAGING DETAILS

Delivery format	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
Final inspection	100% tested, defective tags marked

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