



EOS-DUAL1 EM4423

Paper sticker

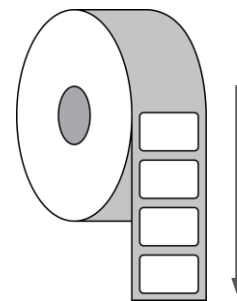
70 x 40 mm

GENERAL SPECIFICATION

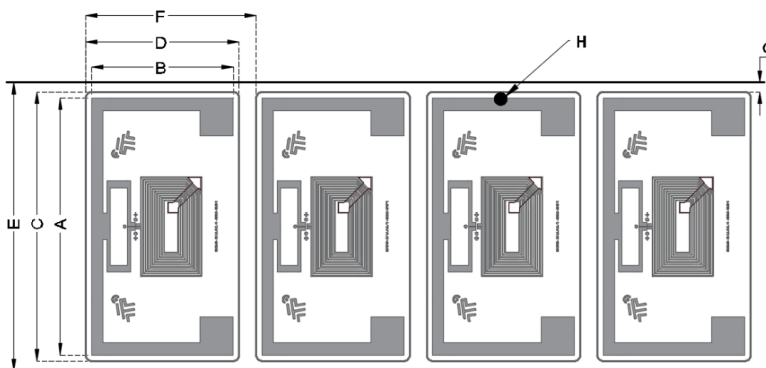
Market applications	Retail
Format	Paper sticker
Finished size	70 x 40 mm / 2.76 x 1.57 in
Frequency	FCC 902–928 MHz / ETSI 865–868 MHz / ASIA 950–956 MHz
Protocol	EPC Class 1 Gen 2
EPC memory	128 bits
User memory	160 bits

MECHANICAL DIMENSIONS

Antenna size	A x B	67 x 37 mm	2.64 x 1.46 in
Finished size	C x D	70 x 40 mm	2.76 x 1.57 in
Web width	E	75 mm	2.95 in
Pitch	F	44 mm ± 0,5 mm	1.73 in
Die-cut to web edge	G	2.5 mm	
Bad mark	H	∅ 4 mm	∅ 0.16 in



Front face on outside of roll



Feed direction (front face view) →



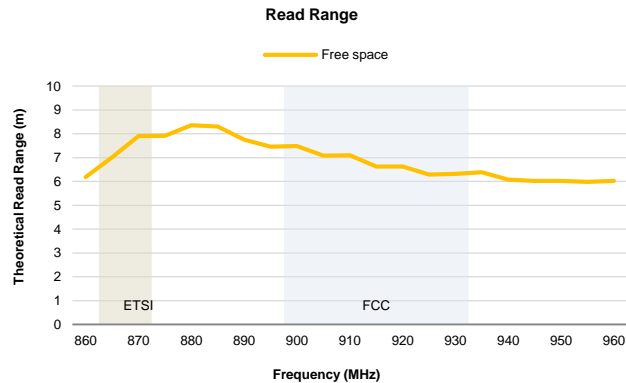
RFID IC

IC	EM 4423
Protocol	EPC Class 1 Gen 2
Operating frequency	860 – 960 MHz
EPC memory	128 bits
User memory	160 bits
Operating temperature	-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 EM 4423 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	2000 pcs
Final inspection	100% tested

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Updated 04/2019

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