

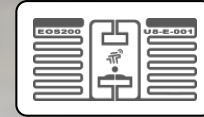


T A G E O S

EOS-200 U8

Wet Inlay

24x14mm / 0.94x0.55in

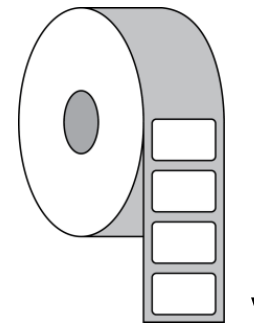


GENERAL SPECIFICATION

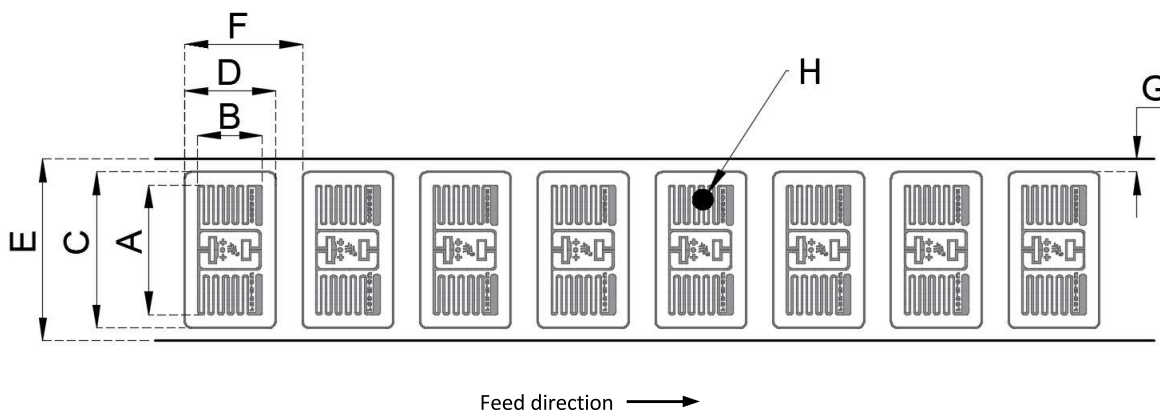
Market applications	Jewelry
Frequency	860 - 960 MHz
Protocol	EPC Class 1 Gen 2 - ISO 18000-6C
IC	NXP Ucode 8
Format	Wet Inlay
Antenna size	20 x 10 mm (0.79 x 0.39 in)
Finished size	24 x 14 mm (0.94 x 0.55in)

MECHANICAL DIMENSIONS

Antenna size	A x B	20 x 10 mm	0.79 x 0.39 in
Finished size	C x D	24 x 14 mm	0.94 x 0.55 in
Web width	E	28 mm +/- 1 mm	1.10 in
Pitch	F	18.18 mm +/-0.5 mm	0.72 in
Die-cut to web edge	G	2 mm	0.08 in
Bad mark (optional)	H	4 mm	0.16 in



Front face on outside of roll





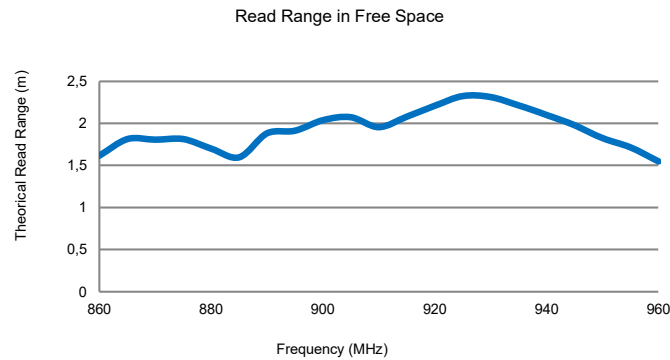
RFID IC

IC	NXP Ucode 8
Protocol	EPC Class 1 Gen 2
Operating frequency	860 – 960 MHz
EPC memory	128 bits
User memory	-
Operating temperature	-40°C / +85°C (-40°F / +185°F)

MATERIAL CHARACTERISTICS

Antenna material	Aluminum
Front face material	Clear Plastic
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

Product code	2000000051	Box dimensions	39.5 x 39.0 x 17.0 cm / 15.56 x 15.35 x 6.69 in
Delivery format	Roll (single row)	Rolls per box	4
Core inner diameter	76 mm / 3 in	Tags/inlays per box	120 000
Roll outer diameter	350 mm	Box gross weight	10,68kg
Unwinding direction	Labels on outside of roll	Pallet dimensions	120 x 80 x 151 cm
Standard roll size	30 000 pcs	Boxes per pallet	48
Final inspection	100% tested	Tags/inlays per pallet	5 760 000
Minimum roll yield	98,5%	Pallet gross weight	538 kg

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