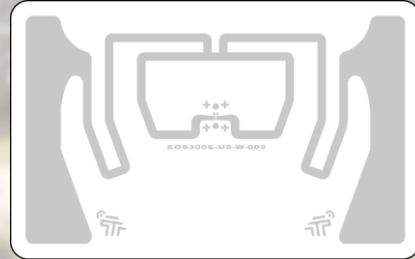




EOS-300 U8

Dry inlay

Pitch 36 mm



GENERAL SPECIFICATION

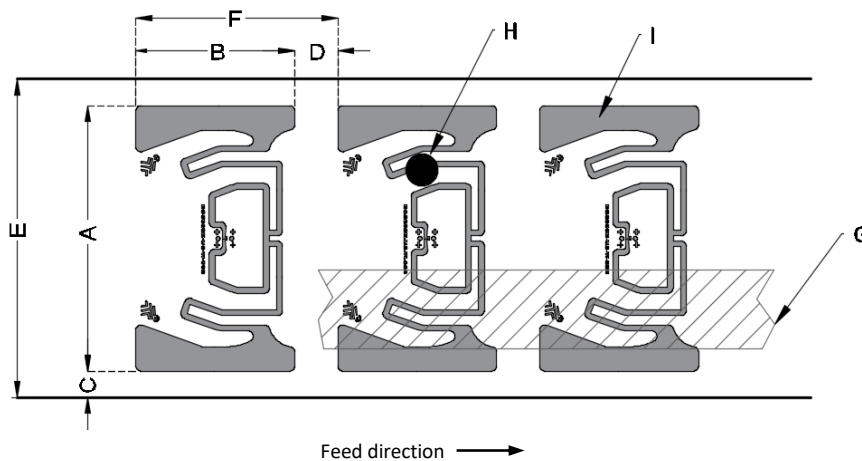
Market applications	Retail, apparel
Frequency	860 - 960 MHz
Protocol	EPC Class 1 Gen 2 - ISO 18000-6C
IC	NXP Ucode 8
Format	Dry inlay
Antenna size	50 x 30 mm (1.97 x 1.18 in)

MARKET APPROVALS

ARC spec F, G, I, J, K, L, N, O, Q, W1, W2, W3, W4, W5, W6,

MECHANICAL DIMENSIONS

Antenna size	A x B	50 x 30 mm	1.97 x 1.18 in
Antenna to web edge	C	5 mm ± 1 mm	0.197 in
Antenna gap	D	6 mm ± 0,5 mm	0.236 in
Web width	E	60 mm ± 1 mm	2.36 in
Pitch	F	36 mm ± 0,5 mm	1.417 in
Interleaves	G		
Bad mark	H	∅ 6 mm	0.24 in
Converting Spot (antenna area used as spot)	I	4 x 38 mm	0.16 x .150 in





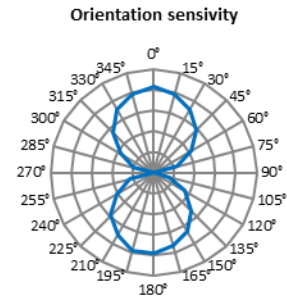
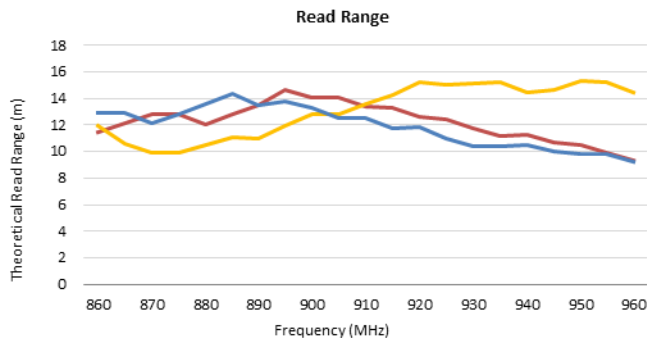
RFID IC

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	N/A

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	3000000107
Delivery format	Roll (single roll)
Core inner diameter	76 mm / 3 in
Roll outer diameter	300 mm
Unwinding direction	Labels on outside of roll
Standard roll size	18 000 pcs

Box dimensions	39.5 x 39.0 x 17.0 cm / 15.56 x 15.35 x 6.69 in
Rolls per box	2
Tags/inlays per box	36 000
Box gross weight	8.58kg
Pallet dimensions	120x80x151 cm
Boxes per pallet	48
Tags/inlays per pallet	1 728 000
Pallet gross weight	437 kg

Storage & handling precautions: Observe standard storage and handling practices to minimize Electro Static Discharge. Tageos reserves the right to change its products and services at any time without notice. As our products are used in circumstances beyond our control, we cannot be held liable for any damages caused through their use. This is a general purpose product not designed or intended for any specific application. The pictures and illustrations found on this document are for illustration purposes only, and do not necessarily represent the exact products. Tageos is a registered trademark. All other trademarks are the property of their respective owners.

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