

# EOS-241 U8

Dry inlay

Pitch 20mm



## 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	42 x 16 mm (1.65 x 0.63 in)

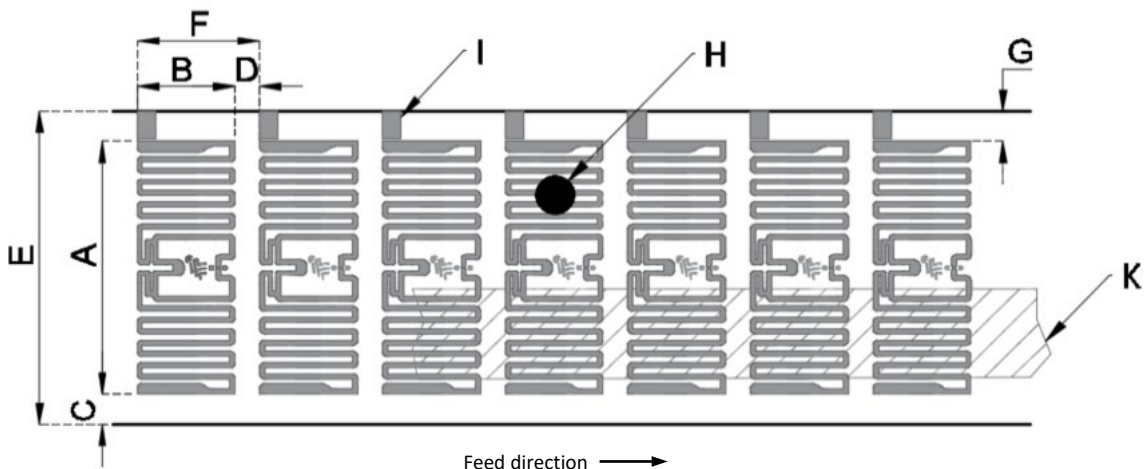
## MARKET APPROVALS

Auburn ARC spec A, B, C, D, N, Q, M, G, F, W2, W5, W6

Macy's

## MECHANICAL DIMENSIONS

Antenna size	A x B	42 x 16 mm	1.653 x 0.630 in
Antenna to web edge	C	5 mm ± 1	0.197 in
Antenna gap	D	4 mm ± 0.5	0.157 in
Web width	E	52 mm ± 1	2.047 in
Pitch	F	20 mm ± 0.5	0.787 in
Antenna to web edge	G	5 mm ± 0.5	0.197 in
Bad mark	H		
Converting spot	I	4.5 x 3 mm	0.177 x 0.118 in
Interleaves	K		



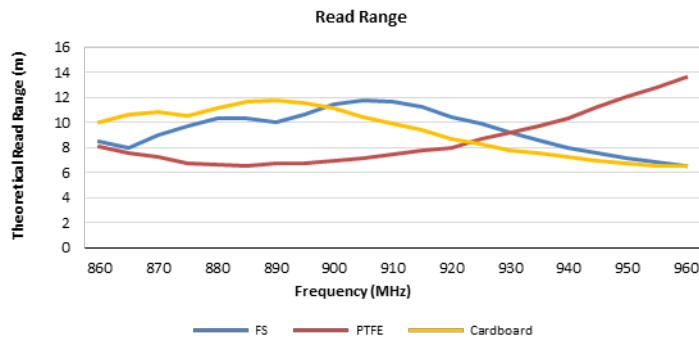
## RFID IC

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

## 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	240000162	Box dimensions	38x38x14 cm / 14.9x14.9x5.51 in
Delivery format	Roll (single row)	Rolls per box	2
Core inner diameter	76 mm / 3 in	Tags/inlays per box	40 000
Roll outer diameter	300 mm / 11.81 in	Box gross weight	5,7 kg / 12,57 lbs
Standard roll size	20 000 pcs	Pallet dimensions	120x80x112,5 cm / 47,2x31,5x44,3 in
Final inspection	100% tested	Boxes per pallet	42
		Tags/inlays per pallet	1 680 000
		Pallet gross weight	264,4 kg / 582,9 lbs

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Contact us  
sales@tageos.com  
www.tageos.com

Tageos HQ  
515 rue Alfred Nobel  
34000 Montpellier  
France

Tageos USA  
3200 Wake Forest Road  
Suite 210  
Raleigh NC 27609  
USA

Tageos Hong Kong  
42/F Central Plaza  
18 Harbour Road  
Wanchai  
Hong Kong

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