



EOS-241 U8 Zero Plus

Dry inlay
Pitch 21,7mm



GENERAL SPECIFICATION

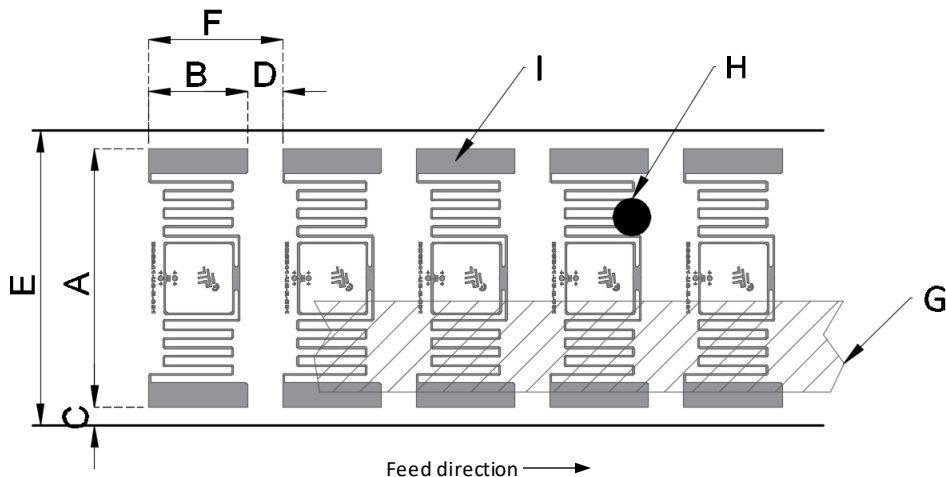
Market applications	Retail, apparel
Frequency	860 - 960 MHz
Protocol	EPC Class 1 Gen 2 - ISO 18000-6C
IC	NXP Ucode 8
Format	Dry inlay
Antenna size	42 x 16 mm (1.65 x 0.63 in)



PAPER-BASED
INLAY

MECHANICAL DIMENSIONS

Antenna size	A x B	42 x 16 mm	1.65 x 0.63 in
Antenna to web edge	C	3 mm ± 1 mm	0.118 in
Antenna gap	D	5,7 mm ± 0,5 mm	0.224 in
Web width	E	48 mm ± 1 mm	1.89 in
Pitch	F	21,7 mm ± 0,5 mm	0.854 in
Interleaves	G		
Bad mark	H	∅ 6 mm	∅ 0.24 in
Converting Spot (antenna area used as spot)	I	4 x 16 mm	0.16 x 0.63 in





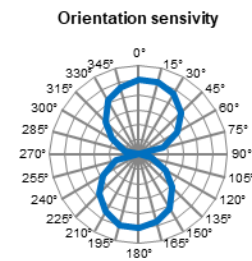
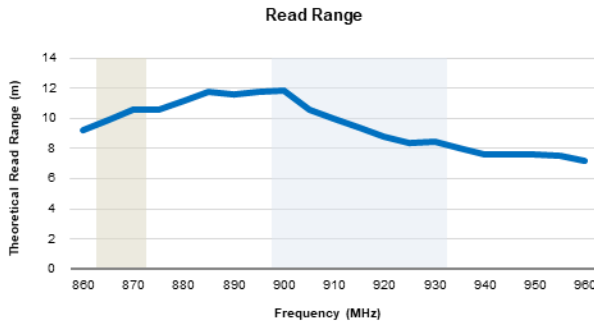
RFID IC

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
Inlay Substrate	Paper

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	2400000151
Delivery format	Roll (single row)
Core inner diameter	76 mm / 3 in
Roll outer diameter	300 mm / 11.81 in
Standard roll size	
Final inspection	100% tested

Box dimensions
Rolls per box
Tags/inlays per box
Box gross weight
Pallet dimensions
Boxes per pallet
Tags/inlays per pallet
Pallet gross weight

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Updated 05/2021