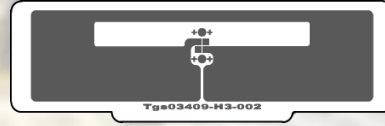




# EOS-230 H3

Plastic sticker  
38 x 12 mm

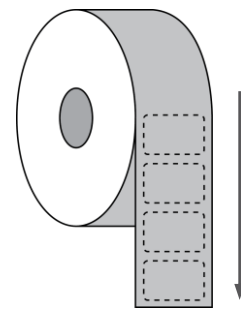


## GENERAL SPECIFICATION

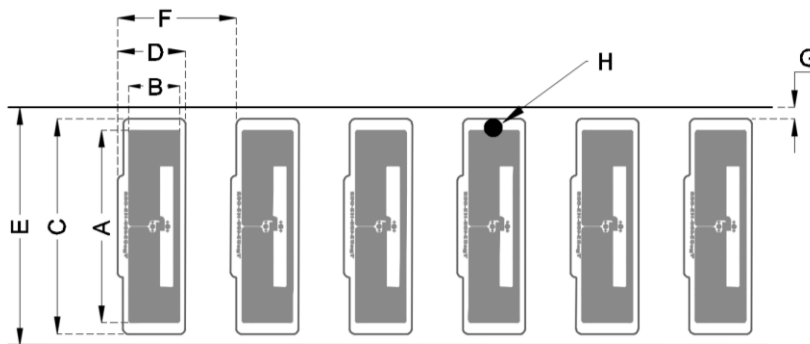
<b>Market applications</b>	Small items, Electronics
<b>Format</b>	Plastic sticker
<b>Finished size</b>	38 x 12 mm / 1.5 x 0.47 in
<b>Frequency</b>	FCC 902–928 MHz / ETSI 865–868 MHz / ASIA 950–956 MHz
<b>Protocol</b>	EPC Class 1 Gen 2
<b>EPC memory</b>	Up to 480 bits
<b>User memory</b>	Up to 512 bits

## MECHANICAL DIMENSIONS

<b>Antenna size</b>	A x B	34 x 9 mm	1.34 x 0.35 in
<b>Finished size</b>	C x D	38 x 12 mm	1.5 x 0.47 in
<b>Web width</b>	E	42 mm	1.65 in
<b>Pitch</b>	F	20 mm ± 0,5 mm	0.79 in
<b>Die-cut to web edge</b>	G	2 mm	0.08 in
<b>Bad mark</b>	H	∅ 4 mm	∅ 0.16 in



Front face on inside of roll



Feed direction (front face view) →



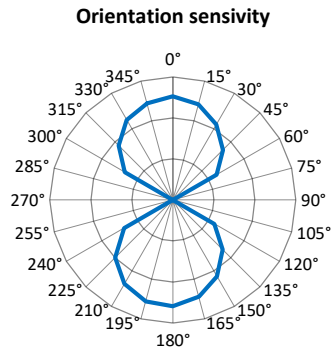
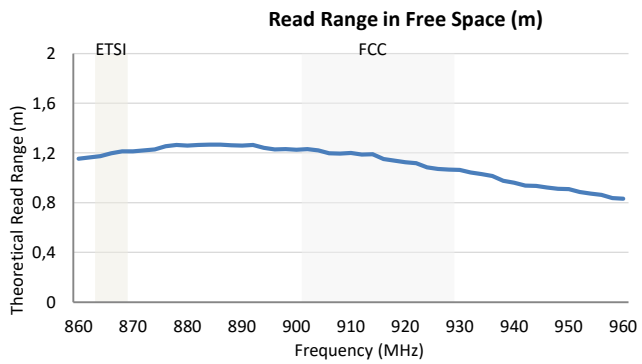
### RFID IC

IC	Alien Higgs 3
Protocol	EPC Class 1 Gen 2
Operating frequency	860 – 960 MHz
EPC memory	Up to 480 bits
User memory	Up to 512 bits
Operating temperature	-50°C / +85°C (-58°F / +185°F)

### MATERIAL CHARACTERISTICS

Antenna material	Aluminum
Front face material	White TT printable plastic
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 Alien Higgs 3 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 inside of roll
Standard roll size	3500 pcs
Final inspection	100% tested, defective tags marked

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