

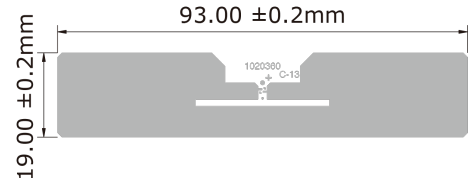
IC Specifications

- IC Protocol: ISO 18000-6C
- ISO Typical Frequency: 840-960 MHz
- Chip: Alien Higgs 9
- User Memory: 688bit

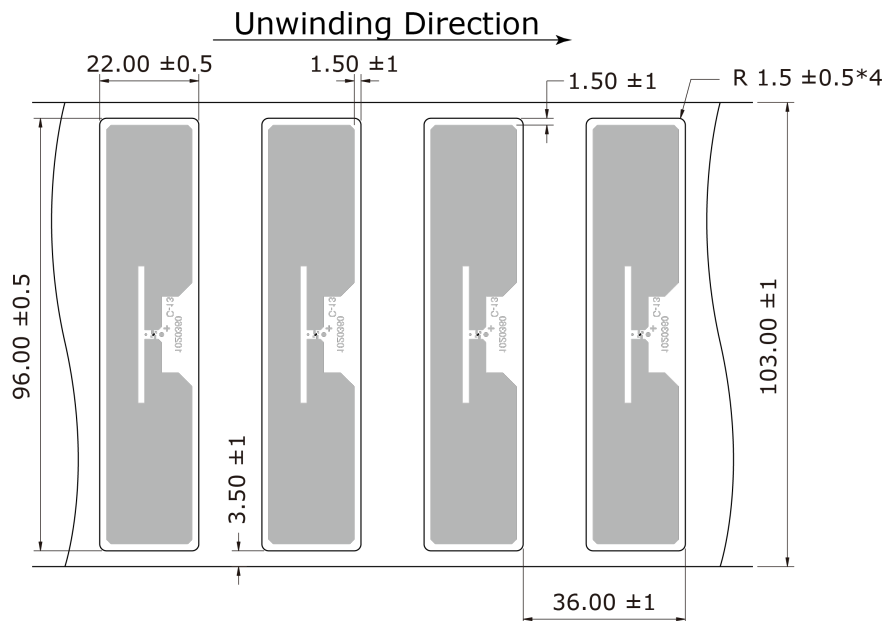
- Chip Part No.: ALC-390-ICG
- Operating Temperature: -50°C/+85°C
- Storage Temperature: NA
- EPC Memory: 96bit

Antenna Design

Top: Aluminum/10 μm
Substrate: PET/50 μm



Layout and Dimensions (mm)



Construction (Thickness: mm; Tolerance: +/-10% per layer)

0.075		Matte White PP with adhesive(BYMC00063)
0.062	chip	Inlay
0.02		Transfer Tape(BYJC00031)
0.053		Silicon Paper(BYJC00031)

Product Parameter

Parameters	Characteristics
Tail	1 m leading silicon paper at the beginning and the end of roll
Defectives	NA.
Yield	≥ 99 %

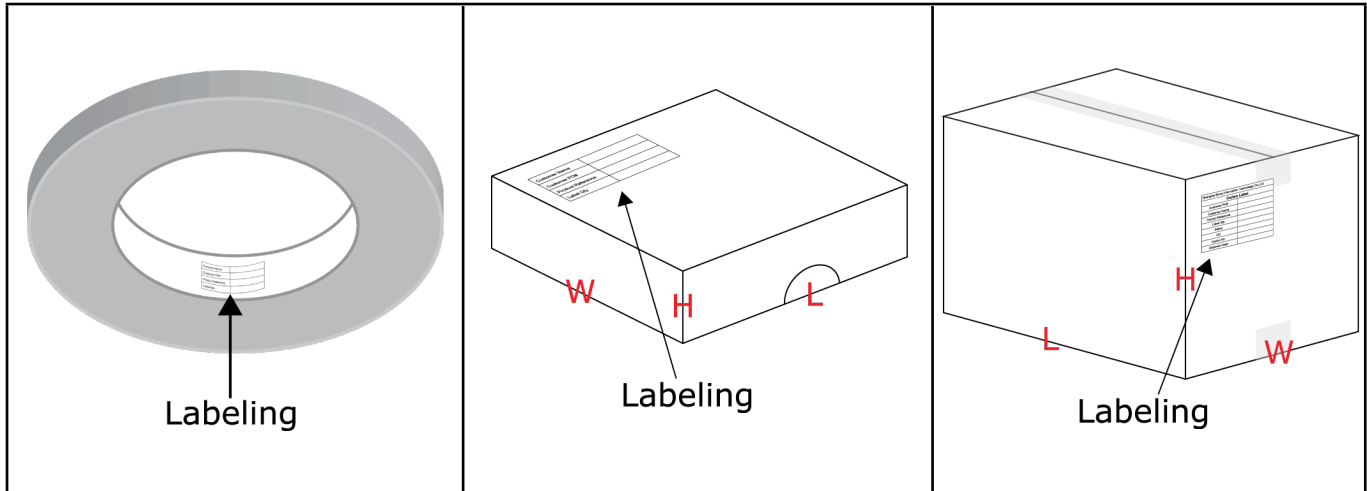
Others

Package information

Size (TBD)

Core internal Diameter: <u>76.2</u> ± <u>1</u> mm Core Thickness: <u>6</u> ±1mm Quantity / Roll: <u>2500</u> pcs Good	- 1 roll/inner case 2 gaskets Φ165*3mm Length: <u>170</u> mm Width : <u>170</u> mm Height: <u>111</u> mm	- <u>6</u> inner /master ctn Length: <u>370</u> mm Width : <u>180</u> mm Height: <u>363</u> mm
Roll External Diameter: ≤ <u>170</u> mm Joints: Below 2 times joints per roll(excluding 2 leading joints) Crystal Clear Tape(PP-030) ,the width is 48 mm		

Illustration



Labeling information

<table border="1"> <tr><td>Customer Name</td><td></td></tr> <tr><td>Customer PO#</td><td></td></tr> <tr><td>Product Reference</td><td></td></tr> <tr><td>Label Qty</td><td></td></tr> </table> colour:white 1pcs/roll size:70*30 mm	Customer Name		Customer PO#		Product Reference		Label Qty		<table border="1"> <tr><td>Customer Name</td><td></td></tr> <tr><td>Customer PO#</td><td></td></tr> <tr><td>Product Reference</td><td></td></tr> <tr><td>Label Qty</td><td></td></tr> </table> colour:white 1pcs/inner case size:70*30 mm	Customer Name		Customer PO#		Product Reference		Label Qty		Shanghai Boing Information Technology Co.,Ltd Carton Label <table border="1"> <tr><td>Customer PO#</td><td></td></tr> <tr><td>Customer Name</td><td></td></tr> <tr><td>Product Reference</td><td></td></tr> <tr><td>Label Qty</td><td></td></tr> <tr><td>Status</td><td></td></tr> <tr><td>QC</td><td></td></tr> <tr><td>Carton No.</td><td></td></tr> <tr><td>Shipment Date</td><td></td></tr> </table> colour:white 1pcs/master ctn size:100*80 mm	Customer PO#		Customer Name		Product Reference		Label Qty		Status		QC		Carton No.		Shipment Date	
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Others