

ECN/PCN No.: M1234

For Manufacturer			
Product Description: Rx Wireless Charging Coil Assembly	Abracon Part Number / Part Series: AWCCA-30R30H05-C01-B	<input type="checkbox"/> Documentation only <input checked="" type="checkbox"/> ECN <input type="checkbox"/> EOL	<input type="checkbox"/> Series <input checked="" type="checkbox"/> Part Number
Affected Revision: Initial Release	New Revision: A	Application:	<input type="checkbox"/> Safety <input checked="" type="checkbox"/> Non-Safety

Prior to Change:

1.2 Electrical Characteristics

Table (1.2) – Electrical Characteristics AWCCA-30R30H05-C01-B

Part Number	Inductance	DC Resistance	Q
AWCCA-30R30H05-C01-B	29.5μH ±10%	1.8Ω ±20%	10.4±30%
Test Condition	100KHz / 1V	20±10°C	100KHz/1V
Test Environment	Temperature: 20±10°C, RH: 65% ±20% Equipment: Chroma1 11025		

5.0 Markings:

Figure (2) - Marking Scheme

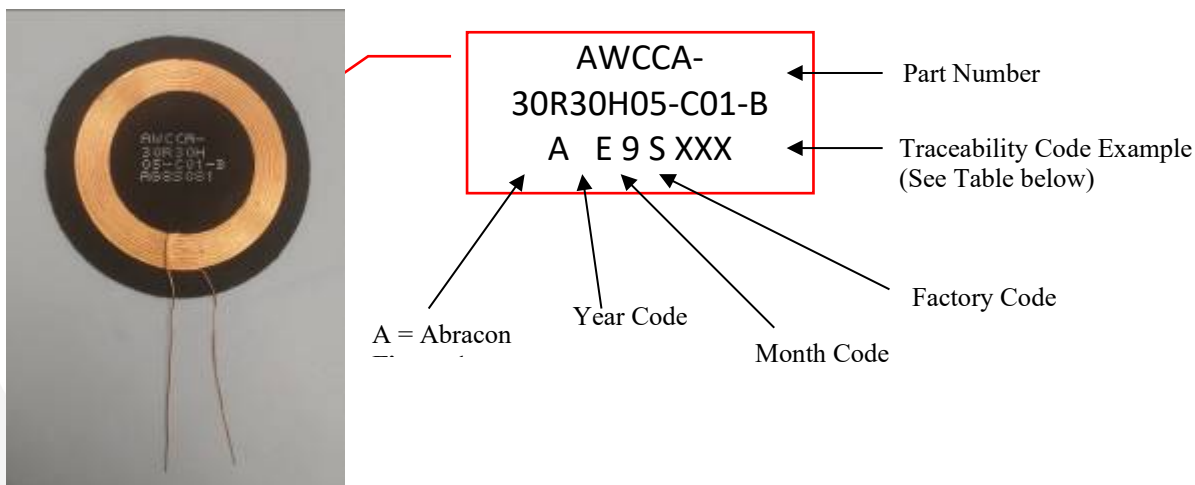


Table (5.0) – Traceability Code Table

Model	A = Wireless Charging Coil			
Year	2013 = E	2014 = F	2015 = G	2016 = H
	2017 = A	2018 = B	2019 = C	2020 = D
Month	Jan = 1	Feb = 2	Mar = 3	Apr = 4
	May = 5	Jun = 6	Jul = 7	Aug = 8
	Sep = 9	Oct = A	Nov = B	Dec = C
Factory Code	S = Shenzhen Factory			
Series Code	XXX			

5.1 Marking Method: White Ink.
Packaging: Box, 100pcs MOQ

After Change:
1.3 Electrical Characteristics

Table (1.2) – Electrical Characteristics AWCCA-30R30H05-C01-B

Part Number	Inductance	DC Resistance
AWCCA-30R30H05-C01-B	29.5 μ H \pm 10%	2.0 Ω MAX
Test Condition	100KHz / 1V	20 \pm 10 $^{\circ}$ C
Test Environment	Temperature: 20 \pm 10 $^{\circ}$ C, RH: 65% \pm 20% Equipment: HC-D3M Temp. & Humidity Chamber	

6.0 — Markings:

Figure (2) — Marking Scheme

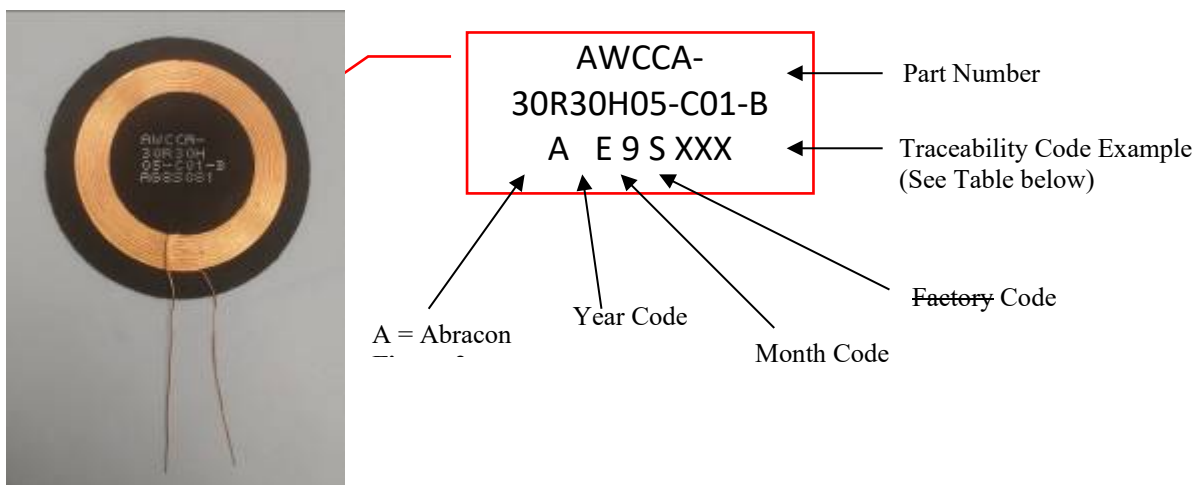


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6.1 — Marking Method: White Ink.

5.0 Material specifications

No.	Material	Description
1	CORE	30X0.15 TRF220
2	WIRE	0.15 mm 2UEW-F/HLOCKCS/155°C
3	GLUE	S133-4C
4	SOLDER	S100 Sn99.9

6.0 Packaging: Box, 1350pcs

Cause/Reason for Change:

Moving the product to a different production line. Update to packaging information, added materials specifications, ink markings removed.

Change Plan

Effective Date:

3/23/2021

Additional Remarks:
Change Declaration:

This update does not affect fit or function of the device. Update to packaging information, added materials specifications, ink markings removed.

Issued Date:

3/23/2021

Issued By:

Ahmed Alamin

Issued Department:

Engineering

Approval:

Syed Raza
Engineering VP

Approval:

Reuben Quintanilla
Quality Director

Approval:

Ying Huang
Purchasing Director

For Abracon EOL only

Last Time Buy (if applicable):
Alternate Part Number / Part Series:
Additional Approval:
Additional Approval:
Additional Approval:

Customer Approval (If Applicable)

Qualification Status:

Approved Not accepted

Note: It is considered approved if there is no feedback from the customer 1 month after ECN/PCN is released.

Customer Part Number:
Customer Project:
Company Name:
Company Representative:
Representative Signature:
Customer Remarks: