

AD-709



[Print](#)



Antenna Size:
1.85 x 1.85 in
[47 x 47 mm]

Features:

- Ideal for media asset management tracking in libraries
- ISO 15693 and ISO 18000-3 Mode 1 compliance for Interoperability
- No Line-of-sight or contact required to read and write
- Built in security features
- Available in high yield / high capacity rolls which integrate seamlessly into high-volume converting processes

Market Applications: Media Management

Electrical Characteristics

Operating Frequency	13.56MHz
Integrated Circuit [IC] – Manufacturer & IC Name	NXP ICODE SLI
RF Communications Protocol	ISO15693 and ISO18000-3 Mode 1
Memory	896 bits EEPROM Read/Write User Memory

Environmental

Operating Temperature	-40F to 185F [-40C to 85C]
RoHS	Designed to comply with EU Directive 2002/95/EC

Inlay Roll Format / Finishing

Un-wind direction	inlay / label side out
Core size with adaptor insert	3 in [76.2 mm]
Maximum roll outer diameter [not to exceed]	13 inches [33cm]

Part Details for AD-709 (Total 2 Parts)

Part Number	700008
Chip	NXP ICODE SLI
Antenna dimensions, [CDxMD]	1.85 x 1.85 inches [47 x 47 mm]
Die-cut dimensions	N/A
Inlay-to-liner adhesive	N/A
Liner material	N/A
Total thickness over chip [typical]	TBD
Standard pitch	2.125 inches [54 mm]
Standard web widths	2.125 inches [54 mm]
Inlay substrate material	PET
Quality assurance	100% tested and out of tolerance inlay marked
Average number of units per roll	5000
Rev	01

Part Number	700010
Chip	NXP ICODE SLI
Antenna dimensions, [CDxMD]	1.85 x 1.85 inches [47 x 47 mm]
Die-cut dimensions	2 x 2 inches [5.08 x 5.08 cm]
Inlay-to-liner adhesive	S490 emulsion acrylic (Fasson®)
Liner material	40#SCK (Fasson®)
Total thickness over chip [typical]	TBD
Standard pitch	2.125 inches [54 mm]
Standard web widths	2.125 inches [54 mm]
Inlay substrate material	PET
Quality assurance	100% tested good prior to shipment
Average number of units per roll	5000
Rev	01

CARE AND HANDLING RFID inlays are sensitive to ESD. Observe standard practices to keep environment static charge to a minimum.

APPLICATIONS This product should be tested by the customer/user thoroughly under end use conditions to ensure the product is fit for any particular purpose or use.

WARRANTY Please refer to Avery Dennison RFID standard terms and conditions. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

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