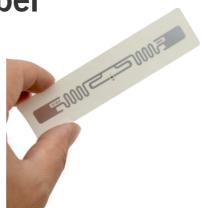


UHF RFID Inlay/Label IDT 9640



The IDT RFID 9640 Label/Inlay powered by the advanced Higgs-3 core, offers exceptional performance and a comprehensive set of features. With a 96 bits EPC memory bank, this tag provides efficient tracking, authentication, and serialization capabilities. Its 512 bits of user memory allow for distributed data applications, while password-protected read and write support ensure data security. The IDT 9640 Label/Inlay tag finds applications in various industries, including corrugate cases, pallet placards, apparel hang tags, baggage tags, shipping labels, asset management, and file folder labels. It is a versatile and reliable solution for enhancing tracking, inventory management, and data organization.

PHYSICAL PARAMTERS

Label Dimension	98mm x 12mm	
Antenna Dimension	94.8mm x 8.15mm	
Adhesive	General Purpose Permanent	
Interface Material	"Paper, TT Printable White Film Overlay"	
Packaging	Premium Plastic Packing	
Availability	Dry/wet inlay	
ENVIRONMENTAL SPECIFICATION		
Operating Temperature	-25°C to +50°C	
Storage Temperature	-25°C to +50°C	
Chemical Resistance	Resistant To Chemical Solvent and Moisture	
Write Cycles	100,000	
Shelf Life	2 years	

RFID PERFORMACE

Working Frequency	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
Standard Protocol	"ISO/IEC 18000-6C EPCglobal Class 1 Gen 2"
Chip Type	Alien Higgs-3
EPC Memory	96 bits
TID Memory	64 bits
Read Range Fixed Reader	Up to 10m (Reader & Chip Dependent)
Read Range Handheld Reader	Up to 8m (Reader & Chip Dependent)

PERSONALIZATION

Pre-Encoding	Customer Specific Encoding of EPC
Customized Printed	Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc.

ORDER INFORMATION

Part No.

IDT.RF.T.9640I.BL (Blank Inlay)

IDT.RF.T.9640L.BL (Blank Label)

APPLICATION AREA













Retail

Supply Chain

Warehouse

Manufaturing

Healthcare

Logistics



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