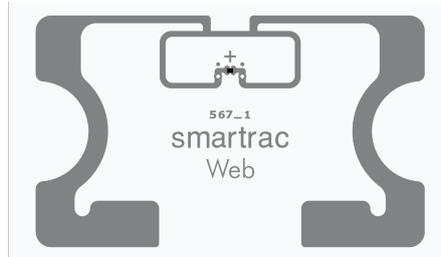


# RFID UHF WEB LABEL

## IDT 5030



The IDT UHF RFID Web Inlay/Label is optimized for apparel and item-level retail applications, offering an ideal antenna shape for hang tags and excellent read reliability at a low total applied cost. Its compact form factor supports consistent performance in retail, logistics, and supply chain environments, making it well suited for high-volume apparel tagging. Available in dry inlay, wet inlay, and label formats.

### PHYSICAL PARAMETERS

Label / Die-cut Dimension	54 × 33 mm (variant dependent)
Antenna Dimension	50 × 30 mm
Adhesive	General purpose permanent (wet/label)
Face Material	Paper / printable label stock
Availability	Dry inlay / Wet inlay / Label

### ENVIRONMENTAL SPECIFICATION

Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Chemical Resistance	Resistant to moisture & common solvents
Shelf Life	Up to 2 years

## RF PERFORMANCE

Working Frequency	860-960 MHz (ETSI), 902-928 MHz (FCC)
Standard Protocol	ISO/IEC 18000-6C, EPCglobal Class 1 Gen 2
Chip Type	NXP UCODE 9 / NXP UCODE 7XM / Impinj M730 / M750 / M830
EPC Memory	Depending on selected chip
TID Memory	Depending on selected chip
Read Range	Consistent short-to-medium range
Write Cycles	≥100,000

## 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.IDT5030(Blank)
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## APPLICATION AREA



Retail



Healthcare



Beauty and Personal Care



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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