kapsch >>>
challenging limits

OMNIAIR ®
CERTIFIED
A
RFID-6C SPD TOLLING
2021091401

Kapsch TrafficCom

ISO 6C Windshield Transponder.

Non-transferable tamper-evident ISO 6C toll transponder label for car windshields.

Pre-encoding
- Customer specific encoding of EPC or user memory. Locking permanently or with password.

Customizible dual-sided label
- Layout can include any static 4-color artwork.
- Variable data including barcodes, human readable serial number etc. printed on the driver side of the label.

Technical Features.
- Conforms to ISO 18000-6c, EPC and 6CTOC standards.
- Read / Write capable
- Excellent read performance
- Designed specifically for the tolling market

Key Benefits.
- Low cost of ownership
- Custom label designs including static and variable printing options
- Available with an optional printed liner and Buddy Label

Product Highlights.

Device type
UHF RFID / EPCglobal Gen2v2

Operational frequency
Global 860-960MHz

IC type
Impinj Monza 4E™

Memory configuration
Monza 4E: EPC 496 bit; User 128 bit; TID 96 bit

Read range (2W ERP)*
ETSI and FCC on windshield up to 8 m / 26 ft

Applicable surface materials*
Glass

Weight
1 g

Standard Packaging
- 1500 transponders per roll
- 3 rolls per box
- 4500 transponders per box
- 60 boxes per pallet
- 270,000 transponders per pallet

Transponder materials
- Back side (towards windshield): PP with strong adhesion on glass. Can be ordered with static color printing.
- Front side (towards driver): Inkjet and thermal transfer printable variable data. Can be ordered with static 4-color printing and black personalization.

Pitch on reel
33,866 mm / 1,333"

Reel core inner diameter
76 mm / 3"

Transponder dimensions
92 x 26 x 0,2 mm / 3.62 x 1.02 x 0.01 in

Operating temperature
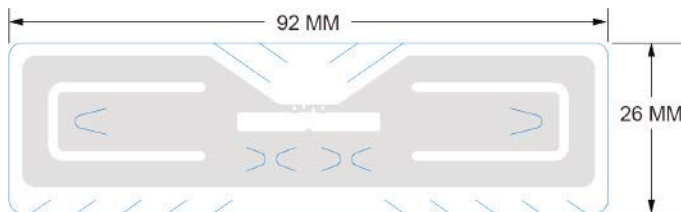-35°C to +70°C / -31°F to +158°F

Ambient temperature
-35°C to +70°C /-31°F to +158°F

Storage condition
1 year in +20°C / 50% RH

Expected lifetime
Years in normal operating conditions

Kapsch TrafficCom

Kapsch TrafficCom is a globally renowned provider of transportation solutions for sustainable mobility.
Our innovative solutions in the application fields of Tolling, Traffic Management, Demand Management and Mobility Services contribute to a healthy world without congestion. We have brought projects to successful fruition in more than 50 countries around the globe.

With our one-stop solutions, we cover the entire value chain of our customers, from components and design to the implementation and operation of systems. As part of the Kapsch Group and headquartered in Vienna, Kapsch TrafficCom has subsidiaries and branches in more than 30 countries. It has been listed in the Prime Market of the Vienna Stock Exchange since 2007 (ticker symbol: KTCG).

>>> www.kapsch.net

*This product contains technology licensed from Amtech Systems LLC. A list of these patents can be found at www.ktcsales.net/components

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