

Transponder

PCB TAG

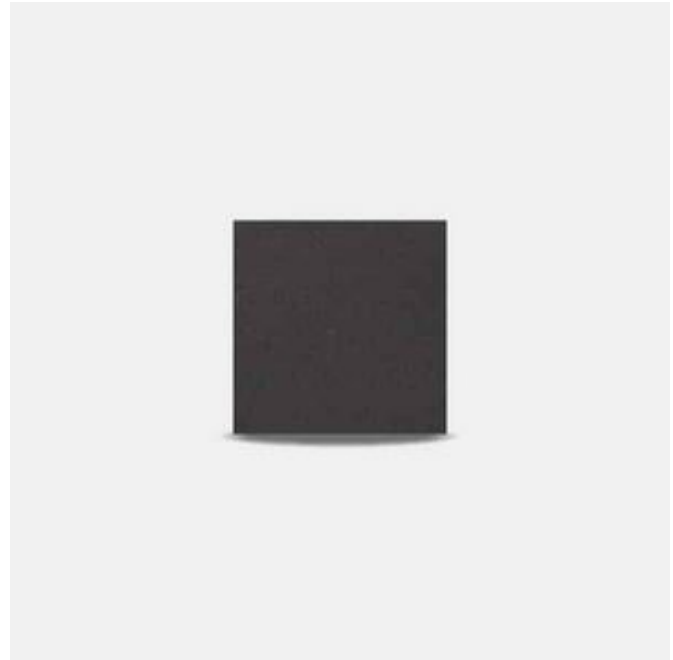
PART ID:

1094-01-291-00

Overmolded PCB Tag is a hassle-free tag solution with both the antenna and chip in a small form factor which helps effortlessly add RFID function to electronic devices or small item with narrow space. More than that, the enhanced protection to the chip and antenna effectively guarantees its resistibility under harsh environment. Following ISO/IEC 15693 and NFC forum type 5 protocol, this tag enables a contactless communication between a device and NFC-enabled mobile phones via its RF interface.

Main Specifications

Material	PCB
Operating Temperature	-40°C to 120°C
IP Class	IP67
Compliance	RoHs & REACH, FCC, CE
Key Features	Small Size, Tool Tracking, Ultra Thin



Chip Specification (Chip 291)

Chip	ST - ST25TV02K
Frequency	13.56 MHz (HF)
Memory	UID 7 Byte; User 2048 Bit
Norm	ISO/IEC 15693 & 18000-3

Full Specifications

Product ID	1094
Material	PCB
Shape	Overmolded
Long Description	Overmolded PCB Tag is a hassle-free tag solution with both the antenna and chip in a small form factor which helps effortlessly add RFID function to electronic devices or small item with narrow space. More than that, the enhanced protection to the chip and antenna effectively guarantees its resistibility under harsh environment. Following ISO/IEC 15693 and NFC forum type 5 protocol, this tag enables a contactless communication between a device and NFC-enabled mobile phones via its RF interface.
Key Features	Small Size, Tool Tracking, Ultra Thin
Article Type	PCB TAG
Color	Black
Length [mm]	6.7

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Where application information is given, it is only advisory and does not form part of the specification.

Width [mm]	6.7
Thickness [mm]	0.75
Operating Temp °C (min)	-40
Operating Temp °C (max)	120
Storage Temp °C (min)	-40
Storage Temp °C (max)	120
IP Class	IP67
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Attachment Method	Embed
Compliance	RoHs & REACH, FCC, CE

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
1094-01-291-00	6.7x6.7x0.75mm	HF	ST25TV02K	ISO/IEC 15693 & 18000-3
1094-01-260-00	6.7x6.7x0.75mm	HF	ICODE SLIX	ISO/IEC 15693 & 18000-3