Transponder ON METAL
Square TAG

PART ID:
2044-01-349-00

Read Range Fix Reader: 26cm - (US) 902-928MHz, on metal 25cm - (EU) 865-868MHz, on metal Handheld Reader: 19cm - (US) 902-928MHz, on metal 15cm - (EU) 865-868MHz, on metal Reading range depends on the environment and the reading device

Main Specifications

Material	PPS
Operating Temperature	-40°C to 100°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	ON-Metal Use, Asset Tracking, Heat Tolerant, High Durability

Chip Specification (Chip 349)

Chip	Alien - Higgs 3
Frequency	869 MHz (UHF)
Memory	TID 64 Bit; EPC 96 Bit; User 512 Bit
Norm	ISO 18000-6C / EPC Gen2 V2

Full Specifications

Product ID	2044
On Metal Use	yes
Material	PPS
Shape	Overmolded
Long Description	Read Range Fix Reader: 26cm - (US) 902-928MHz, on metal 25cm - (EU) 865-868MHz, on metal Handheld Reader: 19cm - (US) 902-928MHz, on metal 15cm - (EU) 865-868MHz, on metal Reading range depends on the environment and the reading device
Key Features	ON-Metal Use, Asset Tracking, Heat Tolerant, High Durability
Article Type	Square TAG
Color	Black
Length [mm]	26
Width [mm]	26
Thickness [mm]	5.5
Weight [g]	6.6

Hole	yes
Operating Temp °C (min)	-40
Operating Temp °C (max)	100
Storage Temp °C (min)	-40
Storage Temp °C (max)	150
Peak Temp I / °C	230
Peak TIME I [h]	30
Peak Temp II / °C	180
Peak TIME II [h]	120
High Temp	yes
IP Class	IP68
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Attachment Method	Screw/Rivet
Compliance	RoHs & Reach, CE

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
2044-01-349-00	26x26x5.5mm, 4mm hole	UHF	Higgs 3	ISO 18000-6C / EPC Gen2 V2