Transponder ON METAL

PCB TAG

PART ID:

2038-01-349-00

Read Range Fix Reader: 85cm - (US) 902-928MHz, on metal 75cm - (EU) 865-868MHz, on metal Handheld Reader: 45cm - (US) 902-928MHz, on metal 45cm - (EU) 865-868MHz, on metal Reading range depends on the environment and the reading device



Main Specifications

Material	FR4
Operating Temperature	-40°C to 100°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Small Size, ON-Metal Use, Tool Tracking, Asset Tracking
Options	Color

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	2038
On Metal Use	yes
Material	FR4
Shape	Potted
Long Description	Read Range Fix Reader: 85cm - (US) 902-928MHz, on metal 75cm - (EU) 865-868MHz, on metal Handheld Reader: 45cm - (US) 902-928MHz, on metal 45cm - (EU) 865-868MHz, on metal Reading range depends on the environment and the reading device
Key Features	Small Size, ON-Metal Use, Tool Tracking, Asset Tracking
Options	Color
Article Type	PCB TAG
Color	Black
Diameter [mm]	6
Thickness [mm]	4

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

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Weight [g]	0.5
Operating Temp °C (min)	-40
Operating Temp °C (max)	100
Storage Temp °C (min)	-40
Storage Temp °C (max)	150
IP Class	IP68
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Attachment Method	Embed
Compliance	RoHs & Reach, CE

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
2038-01-349-00	D6x4mm with IC bump	UHF	Higgs 3	ISO 18000-6C / EPC Gen2 V2

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