

Transponder ON METAL

PCB TAG

PART ID:

2042

Read Range Fix Reader: up to 2.8m- (US) 902-928MHz, on metal up to 2.5m - (EU) 865-868MHz, on metal Handheld Reader: up to 1.9m - (US) 902-928MHz, on metal up to 1.7m - (EU) 865-868MHz, on metal Reading range depends on the environment and the reading device



Main Specifications

Frequencies	LF HF UHF
Material	FR4
Operating Temperature	-40°C to 100°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Ultra Thin, ON-Metal Use, Asset Tracking, Heat Tolerant
Options	Color

Full Specifications

Product ID	2042
On Metal Use	yes
Material	FR4
Shape	Potted
Long Description	Read Range Fix Reader: up to 2.8m- (US) 902-928MHz, on metal up to 2.5m - (EU) 865-868MHz, on metal Handheld Reader: up to 1.9m - (US) 902-928MHz, on metal up to 1.7m - (EU) 865-868MHz, on metal Reading range depends on the environment and the reading device
Key Features	Ultra Thin, ON-Metal Use, Asset Tracking, Heat Tolerant
Options	Color
Article Type	PCB TAG
Color	Black
Length [mm]	50
Width [mm]	10
Thickness [mm]	1.6
Weight [g]	1.5
Operating Temp °C (min)	-40
Operating Temp °C (max)	100
Storage Temp °C (min)	-40
Storage Temp °C (max)	150

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

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
2042-01-349-00	50x10x1.6mm with IC bump	UHF	Higgs 3	ISO 18000-6C / EPC Gen2 V2