Transponder ON METAL

PCB TAG

PART ID:

2040-01-349-00

Read Range Fix Reader: 320cm - (US) 902-928MHz, on metal 280cm - (EU) 865-868MHz, on metal Handheld Reader: 240cm - (US) 902-928MHz, on metal 230cm - (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	ON-Metal Use, Heat Tolerant, Versatile

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	2040
On Metal Use	yes
Material	FR4
Shape	Potted
Long Description	Read Range Fix Reader: 320cm - (US) 902-928MHz, on metal 280cm - (EU) 865-868MHz, on metal Handheld Reader: 240cm - (US) 902-928MHz, on metal 230cm - (EU) 865-868MHz, on metal Reading range depends on the environment and the reading device
Key Features	ON-Metal Use, Heat Tolerant, Versatile
Article Type	PCB TAG
Color	Black
Weight [g]	1.9
Operating Temp °C (min)	-40
Operating Temp °C (max)	100
Storage Temp °C (min)	-40

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TECTUS Technology GmbH | Lustheide 85 | D-51427 Bergisch Gladbach | Phone: +49 (0) 22 04 976 88 0 | Fax: +49 (0) 22 04 976 88 10

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
2040-01-349-00	D20x2.8mm with IC bump	UHF	Higgs 3	ISO 18000-6C / EPC Gen2 V2
2040-02-349-00	D16x3.8mm with IC bump	UHF	Higgs 3	ISO 18000-6C / EPC Gen2 V2

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