

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

®TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility.

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

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