

Transponder ON METAL  
PCB TAG

PART ID:  
**2039**

Read Range Fix Reader: 110cm - (US) 902-928MHz, on metal  
110cm - (EU) 865-868MHz, on metal Handheld Reader: 80cm - (US)  
902-928MHz, on metal 80cm - (EU) 865-868MHz, on metal Reading  
range depends on the environment and the reading device!!!



Main Specifications

Frequencies	LF HF <b>UHF</b>
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, Heat Tolerant
Options	Color

Full Specifications

Product ID	2039
On Metal Use	yes
Material	FR4
Shape	Potted
Long Description	Read Range Fix Reader: 110cm - (US) 902-928MHz, on metal 110cm - (EU) 865-868MHz, on metal Handheld Reader: 80cm - (US) 902-928MHz, on metal 80cm - (EU) 865-868MHz, on metal Reading range depends on the environment and the reading device!!!
Key Features	Small Size, ON-Metal Use, Tool Tracking, Heat Tolerant
Options	Color
Article Type	PCB TAG
Color	Black
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

®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.

Attachment Method	Embed
Compliance	RoHs & Reach, CE

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
2039-01-349-00	6x6x3mm without IC bump	UHF	Higgs 3	ISO 18000-6C / EPC Gen2 V2
2039-02-349-00	6x3x3mm without IC bump	UHF	Higgs 3	ISO 18000-6C / EPC Gen2 V2
2039-03-324-00	10x4x2mm	UHF	UCODE 8	ISO 18000-6C / EPC Gen2 V2

®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.