# 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 **UHF** |
| 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 |

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| | |
|---|---|
| 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 |

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