



Technical Specifications

PopTag3
PopTag10
PopTag10T

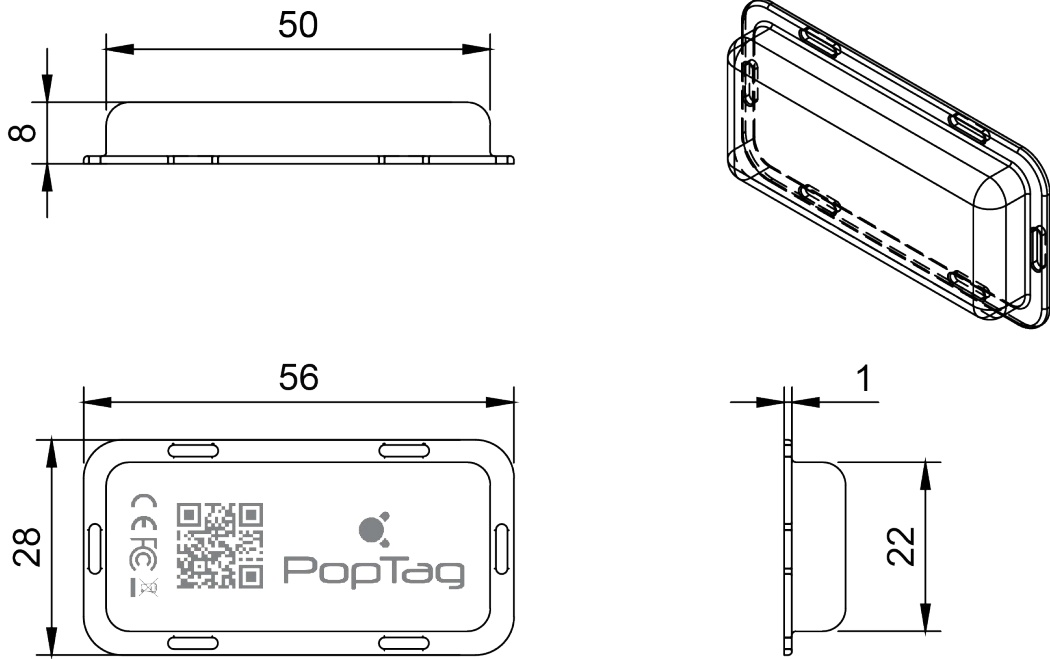


Fig1. PopTag10 and PopTag 10T

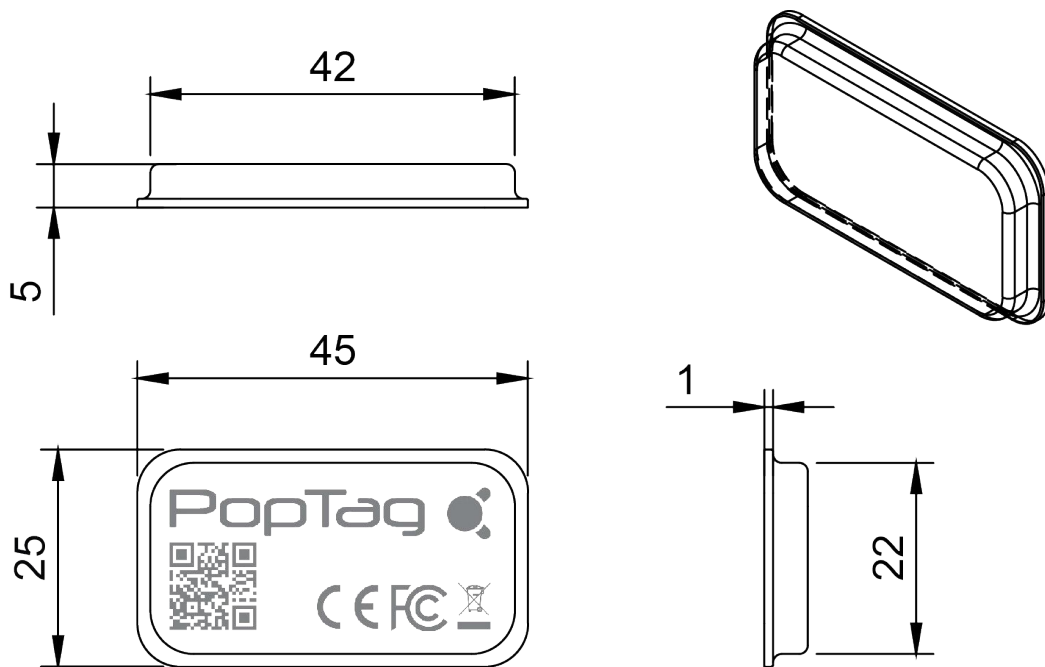


Fig2. PopTag3

PopTag10T

MATERIAL

Cabinet Material: ABS Polylac - PA-757(+)
Flame retardant

TEMPERATURE

Temperature Sense Range and working temperature -20 to +65 degrees
Celsius
Accuracy +/- 1°C

CONNECTIVITY

BLE 4.2 Compliant
Usable distances:
 Quiet RF Background 100m
 Medium RF Background 80m
 Noisy RF Background 30m
BLE 5.0 Compliant
 BLE 5.0 using LE coded PHY, S8 mode
 Quiet RF Background up to 500m

BATTERY

Battery-life guaranteed for 6 years (up to 10 years anticipated)
Same current consumption for both BLE 4.2 and 5.0 LE coded PHY
When used at low temperature, the battery life will be impacted

PROTECTION

Water/dust resistant IP67

EMBEDDED CODE

GATT Protocol
LE Coded PHY Modulation
Device MAC & Serial Number QR Coded

CERTIFICATION

CE/FCC/WEEE RoHS Certified

PopTag10

MATERIAL

Cabinet Material: ABS Polylac - PA-757(+)
Flame retardant

CONNECTIVITY

BLE 4.2 Compliant

Usable distances:

Quiet RF Background 100m

Medium RF Background 80m

Noisy RF Background 30m

BLE 5.0 Compliant

BLE 5.0 using LE coded PHY, S8 mode

Quiet RF Background up to 500m

BATTERY

Battery-life guaranteed for 6 years (up to 10 years anticipated)

Same current consumption for both BLE 4.2 and 5.0 LE coded PHY

PROTECTION

Water/dust resistant IP67

EMBEDDED CODE

GATT Protocol

LE Coded PHY Modulation

Device MAC & Serial Number QR Coded

TEMPERATURE

Working Temperature -20° to +65° Celsius

CERTIFICATION

CE/FCC/WEEE RoHS Certified

PopTag3

MATERIAL

Cabinet Material: ABS Polylac - PA-757(+)
Flame retardant

CONNECTIVITY

BLE 4.2 Compliant

Usable distances:

- Quiet RF Background 100m
- Medium RF Background 80m
- Noisy RF Background 30m

BLE 5.0 Compliant

- BLE 5.0 using LE coded PHY, S8 mode
 - Quiet RF Background up to 500m
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BATTERY

Battery-life guaranteed for 3 years (up to 5 years anticipated)
Same current consumption for both BLE 4.2 and 5.0 LE coded PHY

PROTECTION

Water/dust resistant IP67

EMBEDDED CODE

GATT Protocol
LE Coded PHY Modulation
Device MAC & Serial Number QR Coded

TEMPERATURE

Working Temperature -20° to +65° Celsius

CERTIFICATION

CE/FCC/WEEE RoHS Certified

Technical considerations

In order to get the most benefit of the solution, it is important to provide the following details:

- Total number of assets/goods to be tracked
- Total number of assets/goods to be tracked requiring temperature monitoring
- Total number of sites/locations/factories/warehouses to be covered

PopTag is a device designed by:

Directional Systems Tracking Limited (DSTL)
Registered Office:
1, Ashley Court, Providence Hill
Southampton SO31 8AT
United Kingdom

email: info@directionalsystems.net