

2 KB Passive Database Carriers

T-Series RFID TAGS

T7036 T5050

FEATURES

2000 Bytes User Memory supports Database on Board!

64 bit unique ID serial number.

Rugged and durable enclosure:
304 Stainless Steel backplate
High Performance Polyamide case.

Passive operation: no battery.

International Standard ISO 15693
Air Protocol.

FRAM memory supports 10 billion
write cycles; unlimited read cycles.

Direct mount to metal surfaces.

USE WITH:

Cobalt™ HF Controllers

HF-0405 Controllers

HF816 RFID Wand

HF818 RFID Wand.

READ RANGES- METAL*:

HF-0405: up to 50 mm

HF-ANT-1010: up to 150 mm

HF-ANT-2020: up to 200 mm

*tag mounted on metal bracket.

READ RANGES-IN AIR:

HF-0405: up to 65mm

HF-ANT-1010: up to 190 mm

HF-ANT-2020: up to 260 mm



The T-Series of mobile database carriers from Escort Memory Systems offers exceptional memory capacity in a rugged and economical package. These 2 Kilobyte RFID 13.56 MHz tags conform to the international ISO15693 Standard and operate without batteries.

Metal-mount design allows flexible installations: the tags operate quite well when mounted to metal brackets or when mounted to non-metallic surfaces.

The rugged and completely potted tag package is ideal for harsh industrial conditions, where auto-identification of reusable totes, pallets, or other product carriers is essential to achieving real-time process information flow for just-in-time manufacturing.



SPECIFICATIONS

Dimensions:

T7036: 71 x 37 x 18 mm
[2.80 x 1.45 x 0.70 in]

T5050: 50.8 x 53.5 x18.5mm
[2.0 x 2.1 x 0.73 inches].

Shock Resistance:

30-200-30 Hz, 31 g's,
1 oct/min, 30 mins /axis.

Vibration Resistance:

1/2 sine pulse, 250 g & 1 ms
500 g & 1 ms, 3 shocks/axis.

Operating Temperature:

-40°C to 85°C [-40° to 185°F].

Storage Temperature:

-40° to 85°C [-40° to 185°F].

Protection Class:

IP67.

Humidity:

0 to100% non-condensing.

Air Protocol:

ISO 15693

RF Data Transfer Rate:

26.48 kbps



High Memory Passive RFID T-Series RFID TAGS

MECHANICAL DRAWINGS [IN] / MM

APPLICATIONS

Work-in-Progress
Material Handling
Sortation Systems
Quality Control
Conveyor Lines

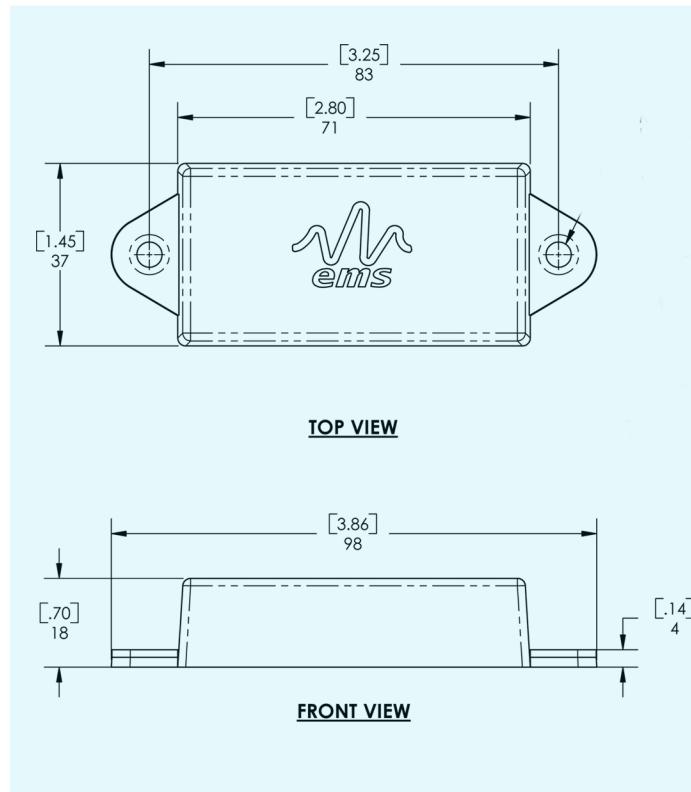
READ/WRITE RANGES IN/MM with EMS Antennas

Mounted on metal bracket:
HF-0405: up to 2.0/50
HF-ANT-1010: up to 6.0/150
HF-ANT-2020: up to 8.0/200

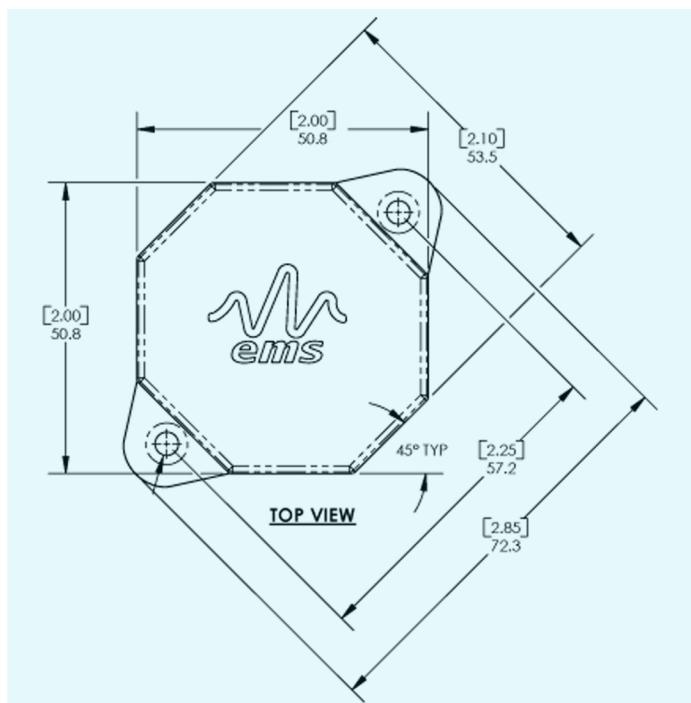
Tag in Free Air:

HF-0405: up to 2.5/65
HF-ANT-1010: up to 7.5/190
HF-ANT-2020: up to 10/260

T7036



T5050



**RFID AT
WORK™**