

High Memory Passive RFID T130 TAG

FEATURES

- 2000 Bytes User Memory.
- 64 bit unique ID serial number.
- Rugged and durable enclosure:
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, or
flush mount recessed into metal.

USE WITH:

- Cobalt™ HF Controllers
- Element™ Handheld RFID Reader
- C0405 Reader
- C1007 Reader
- HF-0405 Controllers
- HF816 RFID Wand
- HF818 RFID Wand

TYPICAL READ RANGES- ON METAL:

- HF-0405-XXX-01: up to 40mm
- C0405-XXX-01: up to 45mm
- C1007-XXX-01: up to 70mm

TYPICAL READ RANGES- RECESSED INTO METAL:

- HF-0405-XXX-01: up to 20mm
- C0405-XXX-01: up to 25mm
- C1007-XXX-01: not recommended



The T-Series of RFID Tags from Escort Memory Systems offers exceptional memory capacity in a very economical package. These 2 Kilobyte tags are passive: no batteries are required. Power to the tag is supplied inductively via the RF field when in the range of a compatible RFID controller.

The compact T130 Tag achieves excellent read and write range when mounted on or even recessed into metal.

The rugged and completely encapsulated 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:
30mm dia. x 10mm
[1.18 in dia x 0.39 in]

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 80°C [-40° to 176°F].

Storage Temperature:
-40° to 130°C [-40° to 266°F].

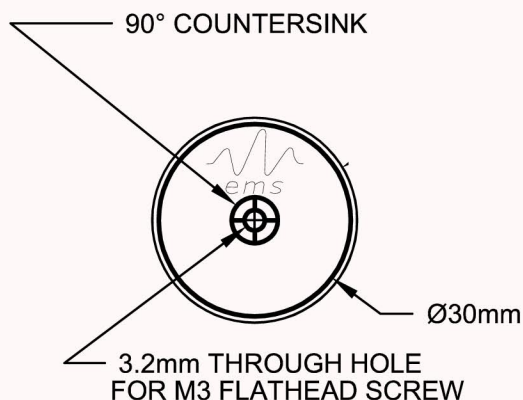
Protection Class:
IP67.

Humidity:
0 to 100% non-condensing.

Air Protocol:
ISO 15693

RF Data Transfer Rate:
26.48 kbps

Mechanical Drawing



**RFID AT
WORK™**