



LAMINATED PCBA RFID TAG

LRP125VS



FEATURES

- 112 Bytes User Memory.
- 64 bit unique ID serial number.
- Rugged and durable enclosure.
- Passive operation: no battery.
- International Standard ISO 15693 Air Protocol.
- At least 100,000 Write Cycles.
- Unlimited Read Cycles.
- High Survival Temp: 320° F.

USE WITH:

- Cobalt™ Series Controllers
- HF-0405 Integrated Readers
- C0405 Integrated Readers
- C1007 Integrated Readers
- HF816/818 RFID Wand
- LRP-Series Controllers
- ISO15693 Controllers

TYPICAL READ RANGES*:

- HF-0405: up to 40mm [1.6in]
- HF-ANT-1010: up to 150 mm [6 in]
- HF-ANT-2020: up to 200 mm [8 in]
- HF-ANT-3030: not recommended.

*Ranges in free air; may be affected by EMI, metal, or other environmental factors

The LRP125VS RFID Tag from Escort Memory Systems offers 112 bytes of user memory, based on the I Code SLi 13.56 Mhz standard, in a very economical RFID tag package.

Constructed from rigid epoxy/fiberglass laminate material, the package offers solid protection for the tag electronics and is ideal for embedding into pallets and totes, where auto-identification is essential to achieving real-time process information flow for just-in-time manufacturing.

Conformance to internationally-accepted 13.56 MHz ISO 15693 standard air protocol is essential for enterprises that operate around the world.

SPECIFICATIONS

Dimensions:

22mm dia. x 2.3mm thick
[0.87 x 0.09 in]

Operating Temperature:

-40°C to 85°C [-40° to 185°F].

Storage Temperature:

-40° to 160°C [-40° to 320°F].

Protection Class:

IP67.

Humidity:

0 to100% non-condensing.

Air Protocol:

ISO 15693 ICode SLi

User Memory:

112 Bytes EEPROM

Unique ID: 64 bit (8-byte)

Write Cycles: 100,000 Min.

Read Cycles: Unlimited

Material:

FR4 94V-0 Epoxy Glass