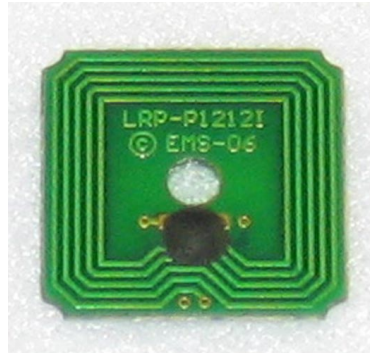


# 1 KILOBYTE PASSIVE PCB TAG

## LRP-P1212i



### FEATURES AND BENEFITS

1 Kilobyte of read/write memory allows storage of critical process details.

Small 12mm PCB tag can be embedded into cassettes, trays, packages, and products.

Conformance to the International ISO15693 (13.56MHz) RFID Standard assures "reader agnostic" compatibility, worldwide.

Reusable memory with 100K+ write cycles, unlimited reads, and a 10 year minimum data retention time for high return on investment.

#### READ/WRITE RANGE

HF816/818: Up to 10mm

HF-0405-ANT-06: Up to 15mm

C0405: Up to 33mm

C1007: Up to 40mm.

The Escort Memory Systems LRP family of RFID tags provides outstanding auto-ID solutions for demanding industrial environments. The "i" tag is based on a one kilobyte memory chip and incorporates EMS' unique design and manufacturing technology. The tag requires no batteries.

The versatile printed circuit board form supports embedding into many different products or carriers. In particular, the RF circuit of the tag has been tuned for optimal performance when mounted in ESD plastic carriers.

LRP-P1212i is an excellent choice for hard disk drive manufacturing automation, pharmaceutical sorting and packaging, automated control of conveyor systems, and work-in-process applications where absolute data reliability is a requirement.

25+ years of experience with RFID systems for manufacturing are behind every EMS system, supported by Datalogic around the world.

### SPECIFICATIONS

Memory:

1000 Bytes User Memory.

Dimensions:

12 x 12 x 1.5mm

[0.5 x 0.5 x 0.06 inch].

Humidity:

100% non-condensing.

Operating Temperature:

-20°C to 85°C [4° to 185° F].

Storage Temperature:

-40° to 85°C [-40° to 185° F].

Protection Class:

Not rated.

Compatible

Readers/controllers:

C-Series

HF-CNTL Series

HF81x Series

LRP Series

ISO15693 readers.

[www.ems-rfid.com](http://www.ems-rfid.com)

datasheet revision 2008-01

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ESCORT MEMORY SYSTEMS BY  
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