



LRP525HTS High Temperature ISO15693 Tag

Features

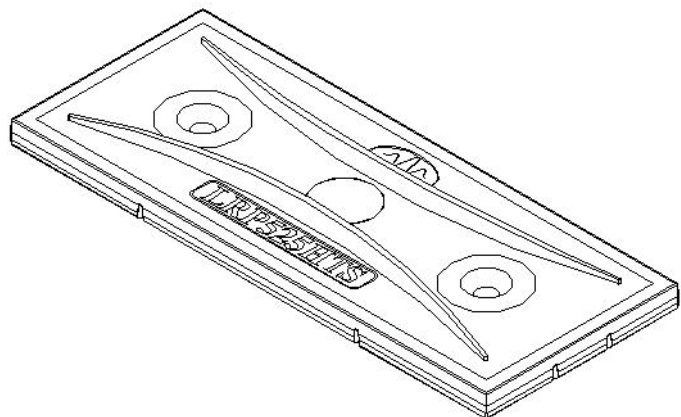
- Read Range of up to 4 feet using LRP2000-23/26 Antennas
- High Temperature Surviving Tags - up to 200°C

Use With

- LRP820-02S
- LRP820-04S
- LRP820-08S
- LRP2000-26
- LRP2000-23
- LRP2000-01

EMS, is the field-proven leader in the development and application of Radio Frequency Identification (RFID) Tags/Labels/PCBs, Antennas, Controllers and network interface modules for tough industrial environments. With over seventeen years of RFID successes in the automotive, electronics, material handling and food processing industries, EMS has built a global reputation in providing customers with complete supply chain solutions – from production to retail EMS has the complete solution! EMS' FastTrack™ line of RFID Tags/Labels/PCBs and Reader/Writers (or Antennas) provides outstanding RFID solutions for demanding industrial environments. From scorching paint ovens to post office applications, the FastTrack™ family of RFID Tags/Labels/PCBs and Reader/Writers deliver on all of your data collection and tracking demands.

The LRP525HTS is a robust, high temperature tag that offers both unsurpassable durability, as well as maximum range. This tag has the ability to operate in conditions that would leave most RFID tags withered and useless. Paint ovens reaching 200 C are no match for this rugged tag. The LRP525HTS uses the ISO15693 Phillips I-Code SLI chip in its construction and is compatible with a variety of readers EMS offers. These readers include the LRP820/830-02S, LRP820/830-04S, LRP820/830-08S, LRP2000-01, LRP2000-23 and LRP2000-26.



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RF Interface

Memory	112 Bytes
Data Transfer Rate	Read – 1200 Bytes/Second Write – 500 Bytes/Second

Environment

Operating Temperature	-40° to 200°F (-40° to 93°C)
Storage Temperature	-40° to 392°F (-40° to 200°C)
Protection Class	NEMA 16P/13 (IP68)

Note: Operating Temperature is the range of temperatures at which read, write and fill operations can be performed. Storage time prior to LRP525HTS tag failure is not indefinite. Storage time must be established via testing in the actual working environment.

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Typical & Guaranteed Read/Write Ranges

(inches/cm)*

Antennas

	LRP820-02S	LRP820-04S	LRP820-08S	LRP2000-01
Typical Range (Z) (inches/cm)*	14.0/(36.0)	9.5/(24)	20.5(52.0)	37.4(95.0)
Guaranteed Operating Range	11.2/(28.0)	7.6/(19.0)	16.4()	30.0(76.0)

* Proximity to metal, CRT devices and other sources of electromagnetic radiation may affect the range of the Antenna.

Mechanical Dimensions

