

DESCRIPTION OF OPERATION

GENERAL DESCRIPTION

The product for which certification is pursued will be manufactured for General Motors Corporation by Lear Corporation for automotive applications. This 315 MHz receiver is mounted in an automobile and works in conjunction with a hand held transmitter. The receiver is permanently mounted in the vehicle and is powered by the vehicle battery. This receiver performs the following functions:

Remote Engine Start/Engine Stop

Lock/unlock

Trunk

Panic/alarm

The receiver contains a printed circuit board assembly. The two piece exterior housing is injection molded plastic.

TECHNICAL DESCRIPTION

The receiver is a super-heterodyne type architecture that utilizes ASK modulation scheme. The receiver detects RF data information from a transmitter and performs the functions pressed by the transmitter. The module uses a PCB mounted connector to connect to an external monopole wire antenna.