

Technical Description B

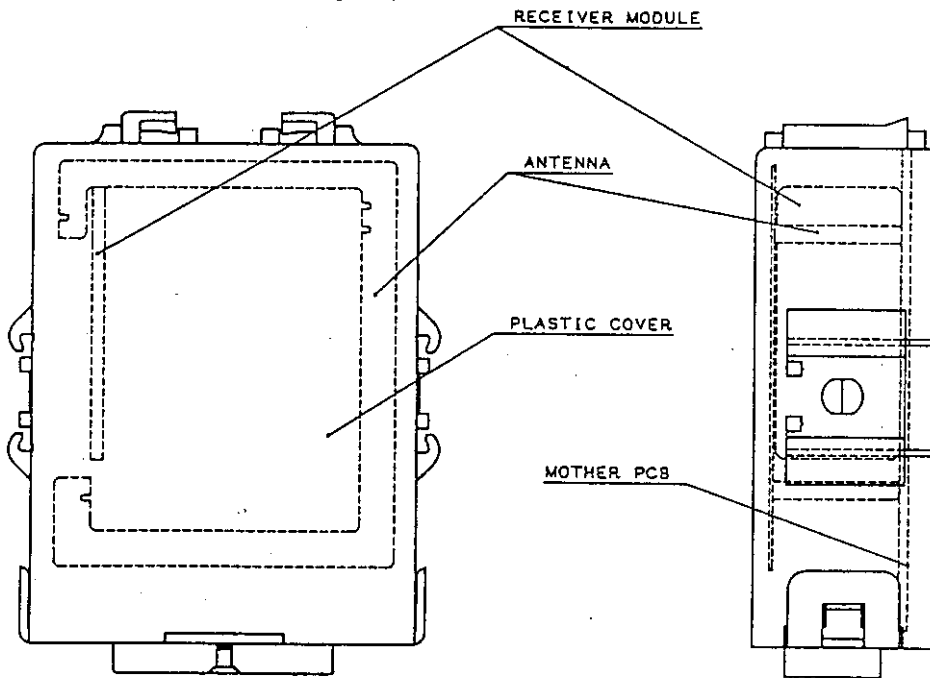
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Name: Receiver/Remote Keyless Entry System

Model: D01SB

1. Introduction of "Receiver"

This device assumes the role of receiving the RF signal in Remote Keyless Entry System. The system is equipped with a vehicle as OE(=original equipment).

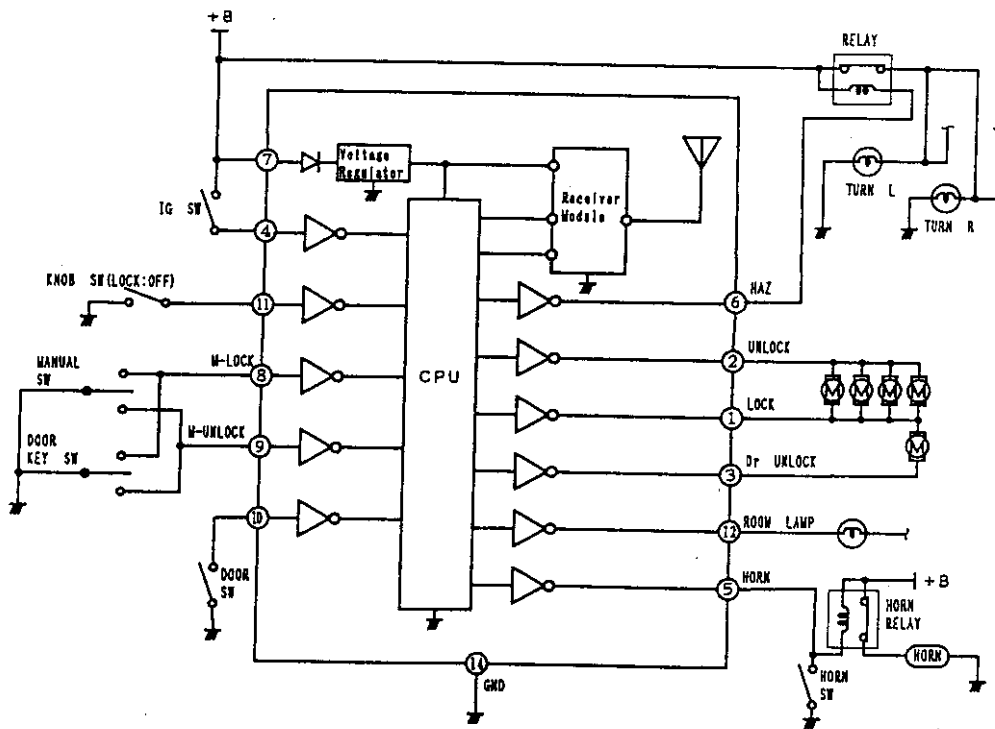


2. Specifications

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Item	Specifications
1. Rated Voltage	DC. 12V
2. Operating Voltage Range	DC. 9 to 16V
3. Operating Temperature Range	-30°C to +80°C
4. Storage Temperature Range	-30°C to +85°C
5. Current Consumption in operation	200mA or less
6. Current Consumption on stan-by	10mA or less (Average)
7. Receiving Frequency	315MHz
8. Receiving Band	±100kHz (at 3dB)
9. Receiving Mode	Super Heterodyne Mode
10. Local Oscillalized Frequency	50. 71666MHz
11. Receiving Sensitivity	-105 dBm @1% BER

3. Block Diagram



4. Operating Summary

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1. The RF signal radiated by Transmitter enters Receiver through Antenna. The signal, after passing through Filter, proceeds to Receiver Module.
2. Receiver Module demodulates the RF signal, wave-shapes the demodulated signal and send it to CPU.
3. CPU compares the ID code data included in the signal with the ID code data memorized in EEPROM beforehand, and if CPU finds that the two data are identical, it switches its relay and orders an vehicle-installed actuator to lock or unlock the vehicle doors.

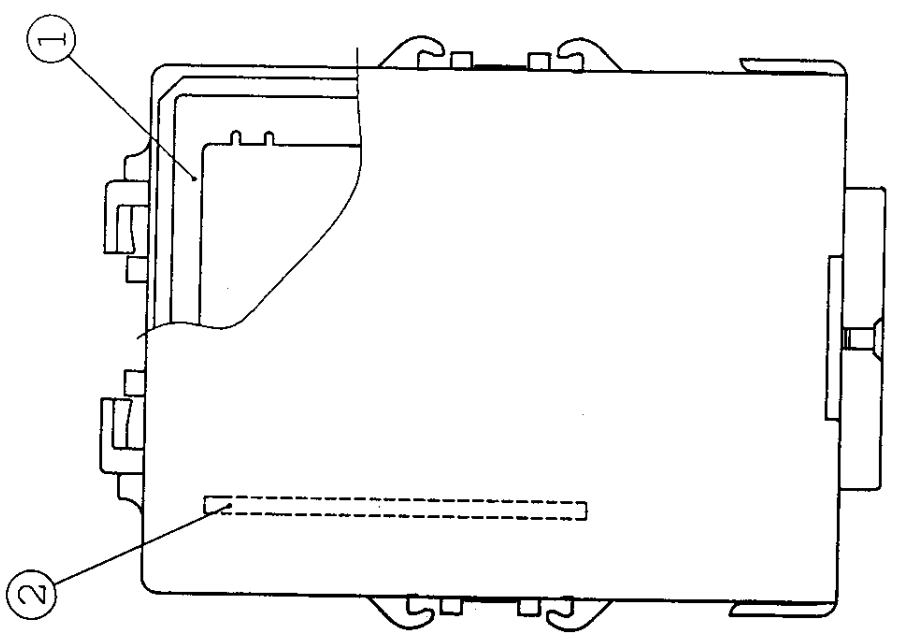
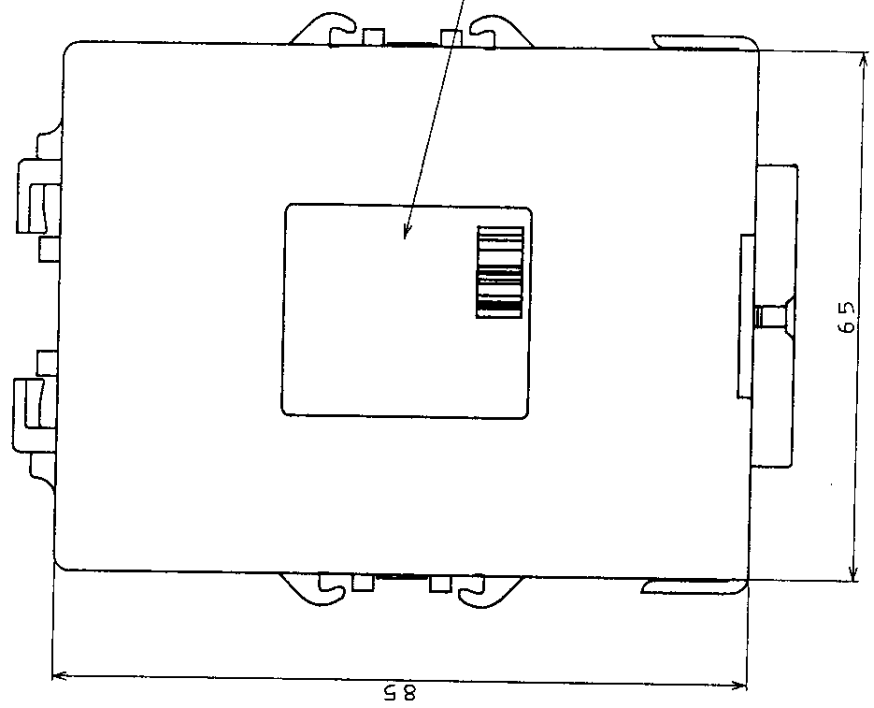
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FCC ID : MOZD01RB

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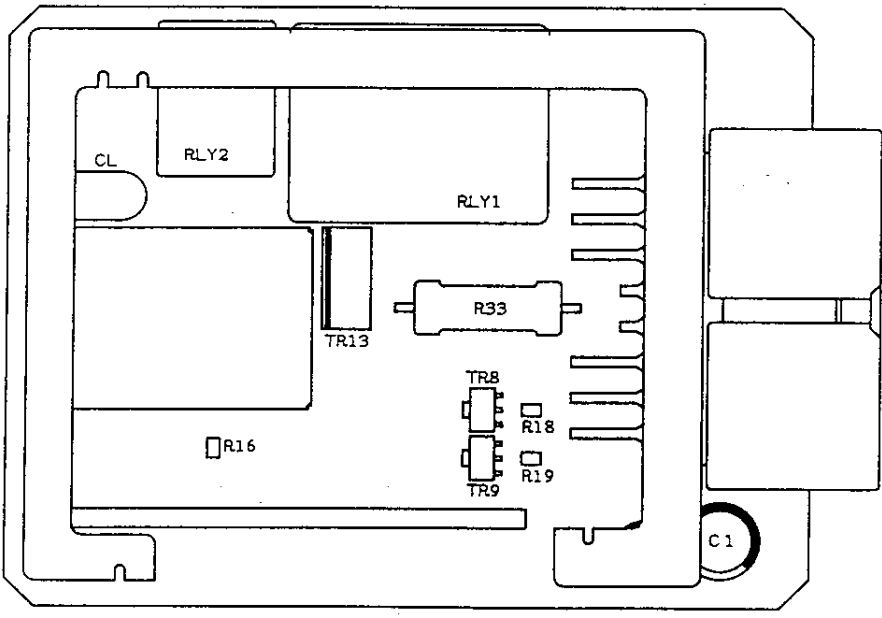
SYM NO.	PART NO.	PART NAME	QTY
1	D01PB	MOTHER PCB W/ANTENNA	1
2	D01MB	RECEIVER MODULE	1

approval marking
 manufacturer's
 name:MDL,etc



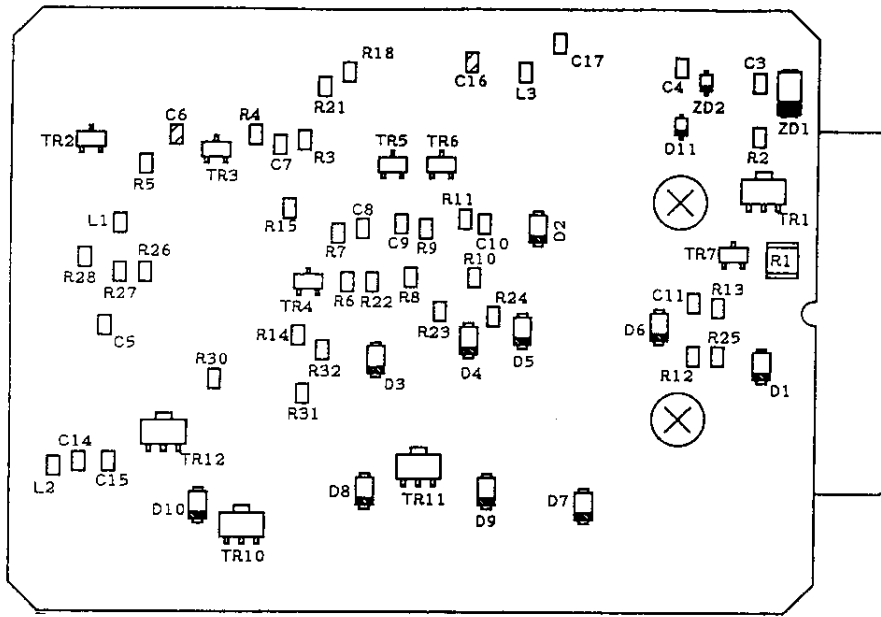
NAME	RECEIVER
MODEL	D01SB
SCALE	FREE

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NAME	MOTHER PCB W/ ANTENNA
PART NO.	D01PB
SCALE	FREE

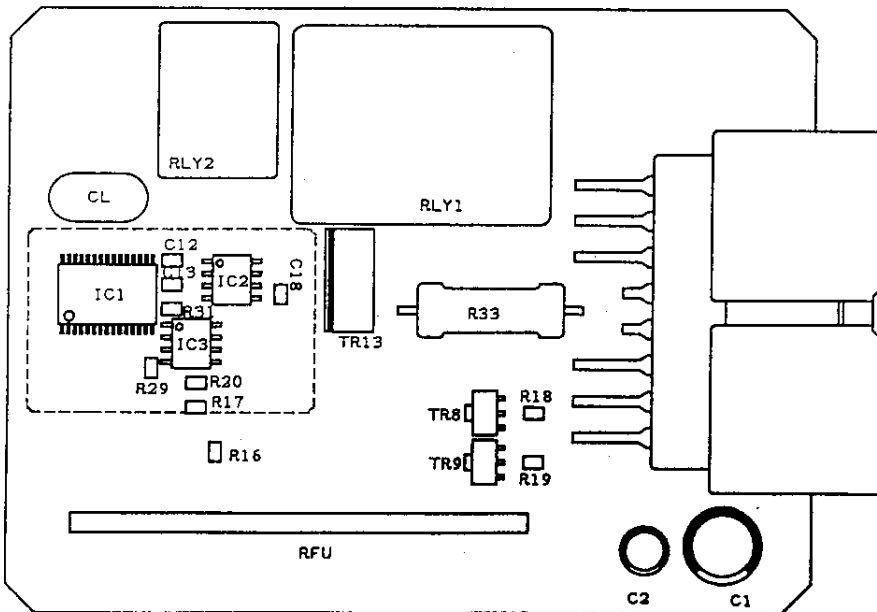
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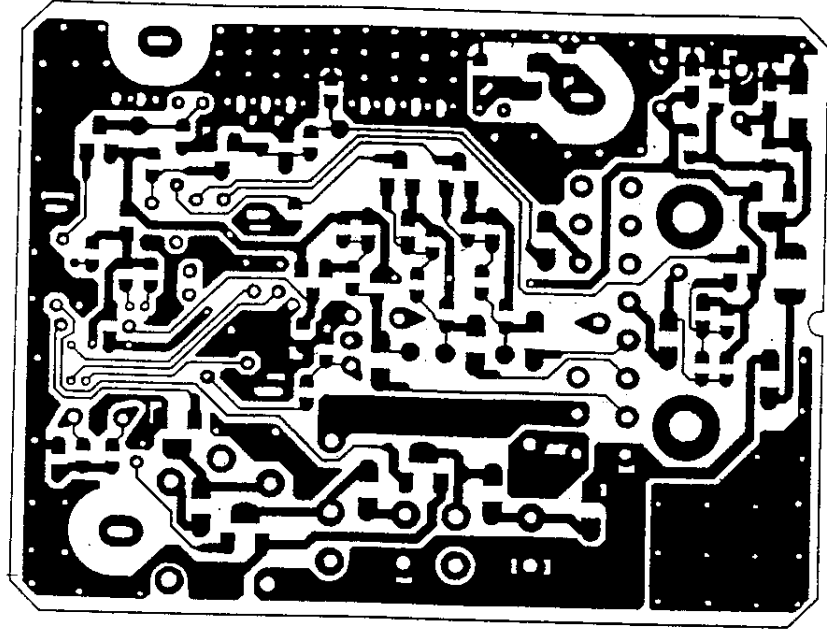
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PART NO.	D01P8
SCALE	FREE

LAYOUT

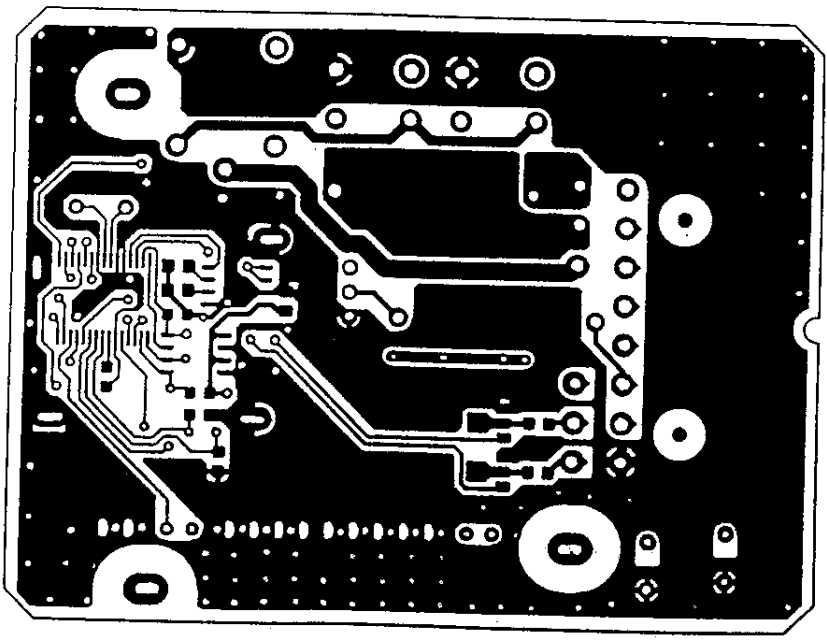


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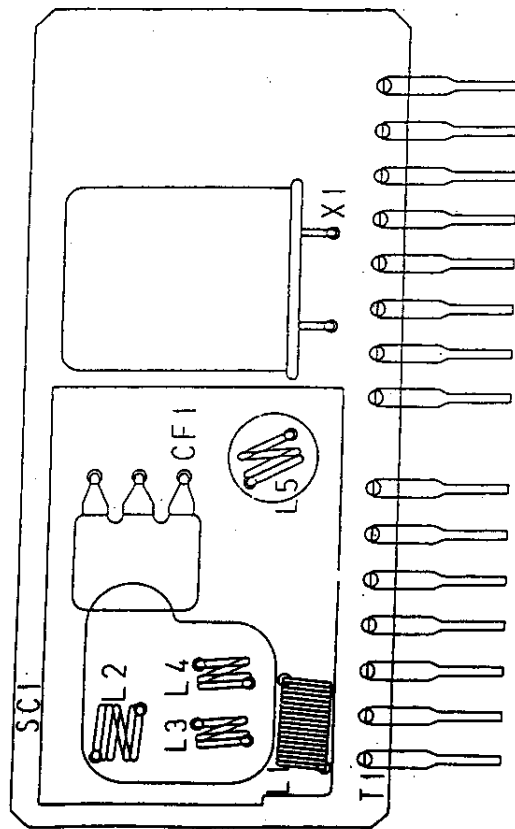
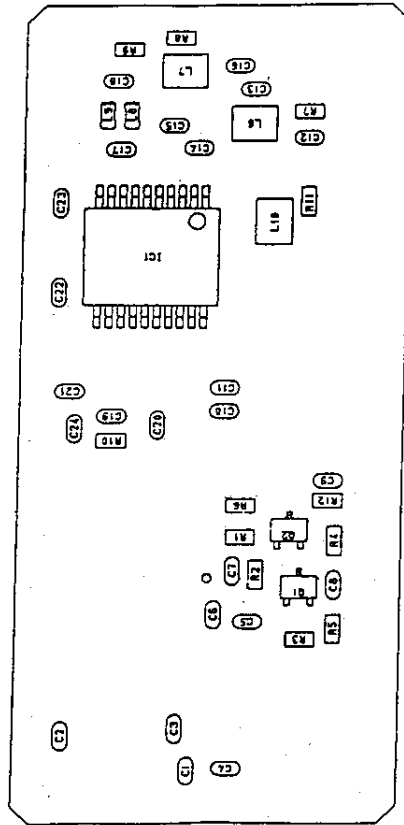


FRONT FACE

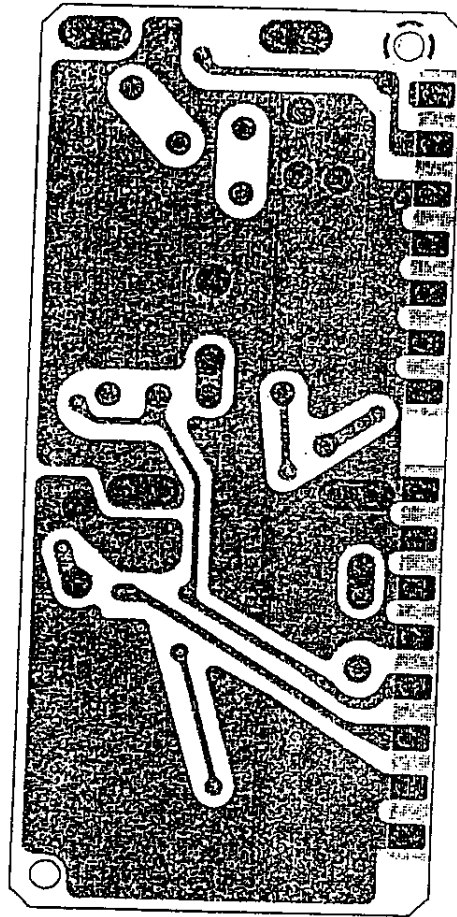
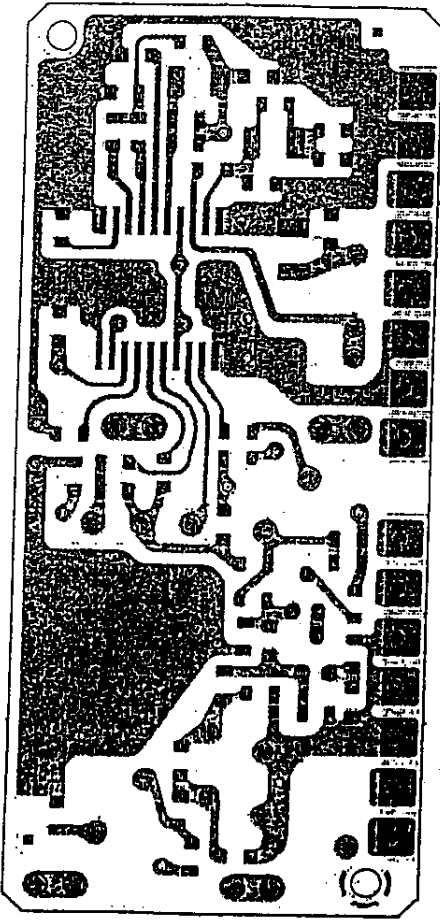
NAME	MOTHER PCB W/ ANTENNA
PART NO.	D01PB
SCALE	FREE

PRINTED PATTERN

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NAME	LAYOUT, RECEIVER MODULE
PART NO.	DO1MB
SCALE	FREE



NAME	PRINTED PATTERN
PART NO.	RECEIVER MODULE
SCALE	DO1MB
	FREE