

RoHS  
Compliant

## Description

The isolator provides galvanic separation from Full Speed USB bus and thus safely protects your connected device from interference, discharge and overvoltage up to 4kV.

## Features

- USB 2.0
- Galvanic separation: 4kVAC
- Rate 12 Mbaud
- Compact design

## Specification

### POWER SUPPLY

Fixed : 5V DC/250 mA, powered from USB

### Mechanic Properties

Material : PC, incombustible UL 94 V-0, blue

Dimensions : 50mm × 24mm × 14mm (w x h x d)

### Operating Conditions

Connection : USB-A

Working temperature : 0°C to 60°C

Storage temperature : -10°C to 85°C

ESD : 15 kV

Dielectric strength : 4 kVAC per 1 min test between input and output

Insulation resistance : For pollution degree II, measuring cat. III  
Input/output > 600 V(PI) , 300 V(DI)

## Part Number Table

| Description            | Part Number |
|------------------------|-------------|
| Isolated USB separator | MP-USB-ISO  |

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