**Part Number :** 735912041
**Product Description :** Surface Mount Single Junction Circulator 3400-3800 MHz, Counterclockwise, 10.0mm Diameter
**Series Number :** 73591
**Status :** Active
**Product Category :** Isolators and Circulators
**Engineering Part Number :** 812-340-380-VP040




## Documents and Resources

### Drawings

735912041_sd.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

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# Part Details

## General

| | |
|---|---|
| Status | Active |
| Category | Isolators and Circulators |
| Series | 73591 |
| Description | Surface Mount Single Junction Circulator 3400-3800 MHz, Counterclockwise, 10.0mm Diameter |
| Application | RF |
| Component Type | Circulator |
| Product Name | RF Circulator |
| Type | Surface Mount |
| UPC | 195842831896 |

## Electrical

| | |
|---|---|
| Average Power Max (Watts) | 50 |
| Frequency | 3400-3800 MHz |
| IMD3 | -60 dBc Max 2x5W, 1 MHz Space |
| Impedance | 50Ω |
| Insertion Loss (IL) Max (dB) | 0.3 |
| Isolation (IS) Min (dB) | 20 |
| Peak Power (Watts) | 500 |
| Return Loss - S11 (dB) | 20 |

## Physical

| | |
|---|---|
| Diameter | 10.00mm |
| Direction | Counterclockwise |
| Net Weight | 3.000/g |
| Temperature Range - Operating | -40° to +105°C |



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