

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0735912043](#)  
**Status:** **Active**  
**Overview:** RF Isolators and RF Circulators  
**Description:** Surface Mount Single Junction Circulator 3500-4100 MHz, Clockwise, 10.0mm Diameter

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Isolators and Circulators
Series	<a href="#">73591</a>
Component Type	Circulator
Overview	<a href="#">RF Isolators and RF Circulators</a>
Product Name	RF Circulator
Taxonomy	Isolators and Circulators
Type	Surface Mount
UPC	195842832138

**Physical**

Diameter	10.0mm
Direction	Clockwise
Net Weight	3.347/g
Temperature Range - Operating	-40° to +105°C

**Electrical**

Average Power Max (Watts)	50
Frequency	3500-4100 MHz
IMD3	-60 dBc Max 2.5Wx2 1 MHz Space
Impedance	50Ω
Insertion Loss (IL) Max (dB)	0.4
Isolation (IS) Min (dB)	20
Peak Power (Watts)	500
Return Loss - S11 (dB)	20

**Material Info**

Engineering Number	802-350-410-VP040
--------------------	-------------------

**Reference - Drawing Numbers**

Sales Drawing	735912043-000
---------------	---------------



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[73591 Series](#)

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**