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**Part Number:** [0735912053](#)  
**Status:** **Active**  
**Overview:** RF Isolators and RF Circulators  
**Description:** Surface Mount Single Junction Circulator 4500-5000 MHz, Counterclockwise, 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	195842832381

**Physical**

Diameter	10.0mm
Direction	Counterclockwise
Net Weight	5.182/g
Temperature Range - Operating	-40° to +105°C

**Electrical**

Average Power Max (Watts)	50
Frequency	4500-5000 MHz
IMD3	-60 dBc Max 5Wx2, 1 MHz Space
Impedance	50Ω
Insertion Loss (IL) Max (dB)	0.28
Isolation (IS) Min (dB)	21
Peak Power (Watts)	500
Return Loss - S11 (dB)	21

**Material Info**

Engineering Number	812-450-500-VP040
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**Reference - Drawing Numbers**

Sales Drawing	735912053-000
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)10043-DC (17  
Jan 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](#)