

## RPS1A561MCN1GS



**Part Number:** [RPS1A561MCN1GS](#)  
**Manufacturer:** [Nichicon](#)  
**Description:** CAP ALUM POLY 560UF 20% 10V SMD  
**Data sheet:** [PDF Chip Type Tape Spec](#)  
[PDF Polymer Aluminum Land, Reflow](#)  
[PDF RPS, RPA Series](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

Part Number	<a href="#">RPS1A561MCN1GS</a>
Manufacturer	<a href="#">Nichicon</a>
Description	CAP ALUM POLY 560UF 20% 10V SMD
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	87325 pcs
Product Photo	<a href="#">RPS1A561MCN1GS-001.jpg</a> , <a href="#">RPS1A561MCN1GS-002.jpg</a> , <a href="#">RPS1A561MCN1GS-003.jpg</a>
Category	<a href="#">Capacitors</a>
Voltage - Rated	10V
Type	Polymer
Tolerance	±20%
Surface Mount Land Size	0.406" L x 0.406" W (10.30mm x 10.30mm)
Size / Dimension	0.394" Dia (10.00mm)
Series	FPCAP, RPS
Ripple Current @ Low Frequency	530mA @ 120Hz
Ripple Current @ High Frequency	5.3A @ 100kHz
Ratings	-
Packaging	Cut Tape (CT)
Package / Case	Radial, Can - SMD
Other Names	493-3847-1
Operating Temperature	-55°C ~ 105°C
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lifetime @ Temp.	2000 Hrs @ 105°C
Lead Spacing	-
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Height - Seated (Max)	0.488" (12.40mm)
ESR (Equivalent Series Resistance)	13 mOhm
Detailed Description	560µF 10V Aluminum Polymer Capacitor Radial, Can - SMD 13 mOhm 2000 Hrs @ 105°C
Capacitance	560µF
Applications	General Purpose

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### RELATED PRODUCTS

	Part#: <a href="#">RPS1C181MCN1GS</a> Description: CAP ALUM POLY 180UF 20% 16V SMD	Manufacturers: <a href="#">Nichicon</a> In Stock: 142076	<a href="#">RFQ</a>
	Part#: <a href="#">RPS1C101MCN1GS</a> Description: CAP ALUM POLY 100UF 20% 16V SMD	Manufacturers: <a href="#">Nichicon</a> In Stock: 82826	<a href="#">RFQ</a>
	Part#: <a href="#">RPS1C271MCN1GS</a> Description: CAP ALUM POLY 270UF 20% 16V SMD	Manufacturers: <a href="#">Nichicon</a> In Stock: 114904	<a href="#">RFQ</a>
	Part#: <a href="#">RPS1C221MCN1GS</a> Description: CAP ALUM POLY 220UF 20% 16V SMD	Manufacturers: <a href="#">Nichicon</a> In Stock: 85443	<a href="#">RFQ</a>
	Part#: <a href="#">RPS1A470MCN1GS</a> Description: CAP ALUM POLY 47UF 20% 10V SMD	Manufacturers: <a href="#">Nichicon</a> In Stock: 329253	<a href="#">RFQ</a>
	Part#: <a href="#">RPS1C471MCN1GS</a> Description: CAP ALUM POLY 470UF 20% 16V SMD	Manufacturers: <a href="#">Nichicon</a> In Stock: 93657	<a href="#">RFQ</a>
	Part#: <a href="#">RPS1A121MCN1GS</a> Description: CAP ALUM POLY 120UF 20% 10V SMD	Manufacturers: <a href="#">Nichicon</a> In Stock: 140625	<a href="#">RFQ</a>
	Part#: <a href="#">RPS164PJ9R1CS</a> Description: RESISTOR ARRAY CONVEX 0603X4R	Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> In Stock: 1396605	<a href="#">RFQ</a>
	Part#: <a href="#">RPS164PJ914CS</a> Description: RESISTOR ARRAY CONVEX 0603X4R	Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> In Stock: 1452134	<a href="#">RFQ</a>
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	Part#: <a href="#">RPS164PJ913CS</a> Description: RESISTOR ARRAY CONVEX 0603X4R	Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> In Stock: 1304535	<a href="#">RFQ</a>
	Part#: <a href="#">RPS1A271MCN1GS</a> Description: CAP ALUM POLY 270UF 20% 10V SMD	Manufacturers: <a href="#">Nichicon</a> In Stock: 98546	<a href="#">RFQ</a>
	Part#: <a href="#">RPS1C151MCN1GS</a> Description: CAP ALUM POLY 150UF 20% 16V SMD	Manufacturers: <a href="#">Nichicon</a> In Stock: 136193	<a href="#">RFQ</a>
	Part#: <a href="#">RPS1C390MCN1GS</a> Description: CAP ALUM POLY 39UF 20% 16V SMD	Manufacturers: <a href="#">Nichicon</a> In Stock: 177100	<a href="#">RFQ</a>
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	Part#: <a href="#">RPS1C330MCN1GS</a> Description: CAP ALUM POLY 33UF 20% 16V SMD	Manufacturers: <a href="#">Nichicon</a> In Stock: 220857	<a href="#">RFQ</a>
	Part#: <a href="#">RPS1C102MCN1GS</a> Description: CAP ALUM POLY 1000UF 20% 16V SMD	Manufacturers: <a href="#">Nichicon</a> In Stock: 76172	<a href="#">RFQ</a>
	Part#: <a href="#">RPS1A331MCN1GS</a> Description: CAP ALUM POLY 330UF 20% 10V SMD	Manufacturers: <a href="#">Nichicon</a> In Stock: 172459	<a href="#">RFQ</a>
	Part#: <a href="#">RPS1A560MCN1GS</a> Description: CAP ALUM POLY 56UF 20% 10V SMD	Manufacturers: <a href="#">Nichicon</a> In Stock: 164231	<a href="#">RFQ</a>
	Part#: <a href="#">RPS164PJ911CS</a> Description: RESISTOR ARRAY CONVEX 0603X4R	Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> In Stock: 1303992	<a href="#">RFQ</a>

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