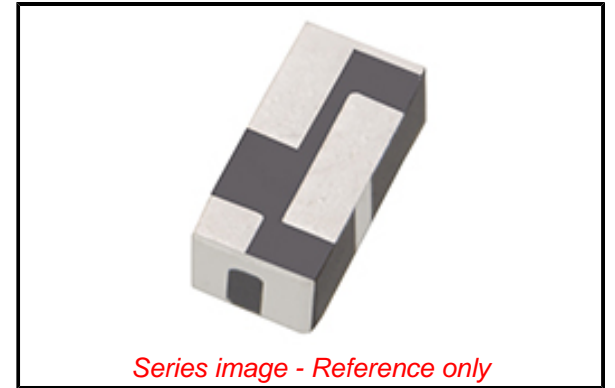


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**Part Number:** [2030070001](#)  
**Status:** **Active**  
**Overview:** Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee  
**Description:** GNSS/Wi-Fi Combo Ceramic Antenna

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2030070001-AS (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2030070001-PK (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2030070001-PS (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Antennas
Series	<a href="#">203007</a>
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	<a href="#">Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee</a>
Product Name	GNSS/Wi-Fi Combo Ceramic
Protocol	BeiDou, BLE, BT, Galileo, GLONASS, GPS, Thread, Wi-Fi, Wireless Hart, Zigbee
Type	Combo Wi-Fi/GNSS Antenna
UPC	191128401975

**Physical**

Cable Length	N/A
Length	3.20mm
Mounting Style	Surface Mount
Net Weight	0.029/g
Packaging Type	Embossed Tape on Reel
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	1.10mm
Width	1.60mm

**Electrical**

Band#1 F_End (MHz)	1602
Band#1 F_Start (MHz)	1561
Band#2 F_End (MHz)	2483.5
Band#2 F_Start (MHz)	2400
Band#3 F_End (MHz)	5850
Band#3 F_Start (MHz)	5150
Electrical Connectivity	SMD
Peak Gain (dBi)	-0.3 @ 1602 MHz, 0.6 @ 2.4 GHz, 0.9 @ 1561 MHz, 1.0 @ 1575 MHz, 1.0 @ 5 GHz
Return Loss - S11 (dB)	< -10, < -5.5, < -6
Total Efficiency	>50% @ 1602 MHz, >50% @ 5 GHz, >55% @ 1561 MHz, >55% @ 1575 MHz, >55% @ 2.4 GHz

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2030070001-AS
Packaging Specification	2030070001-PK
Product Specification	2030070001-PS
Sales Drawing	2030070001-SD

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**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**

[203007 Series](#)

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