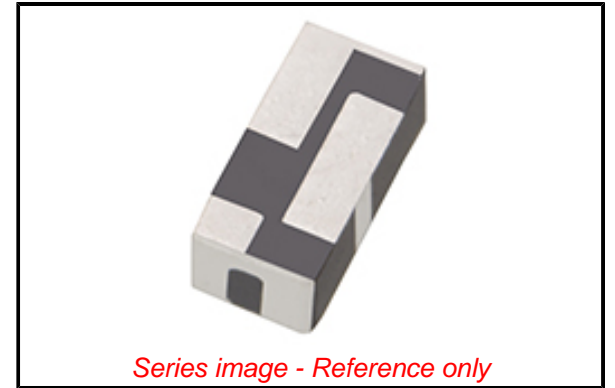


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Part Number: **2030070001**
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: GNSS/Wi-Fi Combo Ceramic Antenna

Documents:

3D Model	Application Specification 2030070001-AS (PDF)
Drawing (PDF)	Packaging Specification 2030070001-PK (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 2030070001-PS (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Antennas
Series	<u>203007</u>
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	<u>Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee</u>
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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