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Part Number: [2042830001](#)
Status: **Active**
Overview: [GNSS/GPS Antennas](#)
Description: Low-Profile GNSS Ceramic Antenna

Documents:

3D Model	Packaging Specification 2042830001-PK (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 2042830001-PS (PDF)	Product Literature (PDF)
Application Specification 2042830001-AS (PDF)	



General

Product Family	Antennas
Series	204283
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	GNSS/GPS Antennas
Product Literature Order No	987651-5071
Product Name	Low-Profile GNSS Ceramic
Protocol	BeiDou, Galileo, GLONASS, GPS
Type	GNSS Antenna
UPC	191128324984

Physical

Cable Length	N/A
Length	3.20mm
Mounting Style	Surface Mount
Net Weight	0.022/g
Packaging Type	Embossed Tape on Reel
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	1.10mm
Width	1.60mm

Electrical

Band#1 F_End (MHz)	1566
Band#1 F_Start (MHz)	1556
Band#2 F_End (MHz)	1580
Band#2 F_Start (MHz)	1570
Band#3 F_End (MHz)	1607
Band#3 F_Start (MHz)	1597
Electrical Connectivity	SMD
Peak Gain (dBi)	1.5 @ 1561 MHz, 1.6 @ 1602 MHz, 2.0 @ 1575 MHz
Return Loss - S11 (dB)	< -10, < -8
Total Efficiency	>60% @ 1561 MHz, >60% @ 1602 MHz, >65% @ 1575 MHz

Material Info

Reference - Drawing Numbers

Application Specification	2042830001-AS
Packaging Specification	2042830001-PK
Product Specification	2042830001-PS
Sales Drawing	2042830001-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

[204283 Series](#)

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