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Part Number: [2042860001](#)
Status: **Active**
Overview: GNSS/GPS Antennas
Description: Ceramic GPS/BeiDou/GLONASS Antenna

Documents:

Drawing (PDF)	Application Specification 2042860001-AS (PDF)
3D Model (PDF)	Packaging Specification 2042860001-PK (PDF)
3D Model	Datasheet (PDF)
Product Specification 2042860001-PS (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Antennas
Series	204286
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	GNSS/GPS Antennas
Product Name	Ceramic GPS/BeiDou/GLONASS
Protocol	BeiDou, Galileo, GLONASS, GPS
Type	GNSS Antenna
UPC	191128317368

Physical

Cable Length	N/A
Length	25.00mm
Mounting Style	Adhesive, Surface Mount
Net Weight	9.209/g
Packaging Type	Tray
Polarization	Elliptic
Radiation Pattern	Omnidirectional
Thickness	4.00mm
Width	25.00mm

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)	5.2 @ 1561 MHz, 5.4 @ 1575 MHz, 5.6 @ 1602 MHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>70% @ 1575 MHz, >70% @ 1561 MHz, >75% @ 1602 MHz

Material Info

Reference - Drawing Numbers

Application Specification	2042860001-AS
Packaging Specification	2042860001-PK
Product Specification	2042860001-PS
Sales Drawing	2042860001-000

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 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

[204286 Series](#)