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

Documents:

Drawing (PDF)	Packaging Specification 2042860001-PK (PDF)
Product Specification 2042860001-PS (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 2042860001-AS (PDF)	Product Literature (PDF)

General

Product Family	Antennas
Series	204286
Component Type	Surface Mount Device Antenna
Overview	Antennas
Product Literature Order No	987651-5071
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

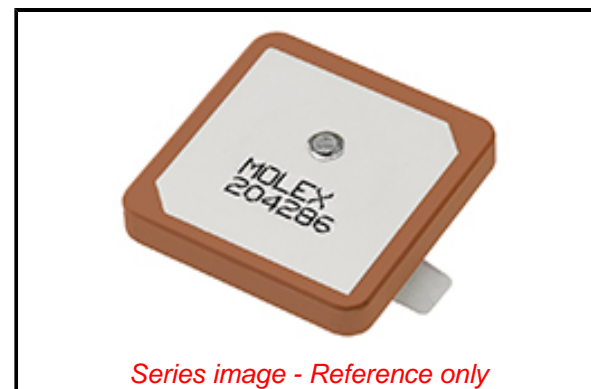
Electrical

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
Impedance	50Ω
Number of Bands	3
Peak Gain (dBi)	5.2 @ 1561M, 5.4 @ 1575M, 5.6 @ 1602M
Return Loss - S11 (dB)	< -10
Total Efficiency	>70% @ 1575M, >70% @ 1561M, >75% @ 1602M

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 -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

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non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[204286](#) Series