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Part Number:

1462160001

Status:

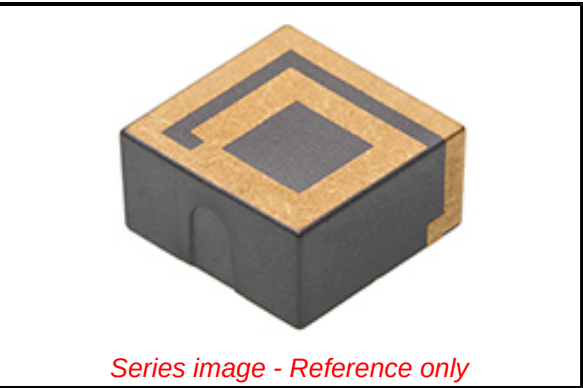
Active

Overview:

GNSS/GPS Antennas

Description:

RHCP LDS SMT GPS Antenna



Documents:	
3D Model (PDF)	Application Specification AS-146216-001-001 (PDF)
3D Model	Packaging Specification PK-146216-001-001 (PDF)
HFSS Model	Datasheet (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-146216-001-001 (PDF)	

General	
Product Family	Antennas
Series	146216
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	GNSS/GPS Antennas
Product Name	RHCP LDS GPS Antenna
Protocol	GPS
Taxonomy	Antennas
Type	GPS Antenna, Internal
UPC	889056690140
Physical	
Cable Length	N/A
Length	11.80mm
Mounting Style	Surface Mount
Net Weight	0.655/g
Packaging Type	Embossed Tape on Reel
Polarization	Right Handed Circular
Radiation Pattern	Omnidirectional
Thickness	5.95mm
Width	11.50mm
Electrical	
Band#1 F_End (MHz)	1566
Band#1 F_Start (MHz)	1556
Band#2 F_End (MHz)	1580
Band#2 F_Start (MHz)	1571
Band#3 F_End (MHz)	1607
Band#3 F_Start (MHz)	1597
Electrical Connectivity	SMD
Peak Gain (dBi)	0.6 @ 1561 MHz, 1.1 @ 1575 MHz, 1.1 @ 1602 MHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>55% @ 1561 MHz, >57% @ 1575 MHz, >60% @ 1602 MHz
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-146216-001-001
Packaging Specification	PK-146216-001-001
Product Specification	PS-146216-001-001
Sales Drawing	SD-146216-001-001

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained per - D(2022)9120-DC (17 Jan 2023)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

146216 Series

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