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Part Number:

2081420001

Status:

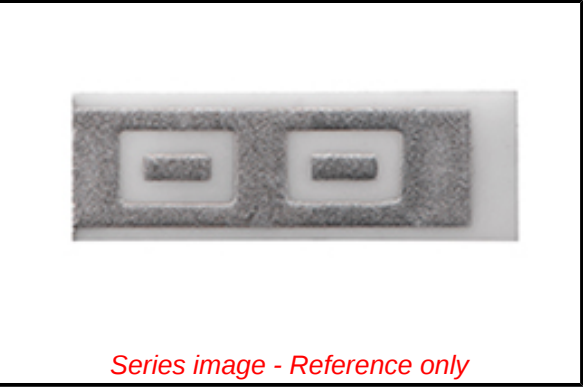
Active

Overview:

Industrial, Scientific and Medical (ISM) Antennas

Description:

ISM 868/915MHz Ceramic Antenna, Low-Profile, SMT



Documents:	
HFSS Model	Application Specification 2081420001-AS (PDF)
3D Model	Packaging Specification 2081420001-PK (PDF)
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 2081420001-PS (PDF)	

General	
Product Family	Antennas
Series	208142
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	Industrial, Scientific and Medical (ISM) Antennas
Product Name	ISM 868/915MHz Ceramic Antenna
Protocol	LoRa, Neul, SigFox, Z-Wave, Zigbee
Type	ISM Antenna, LPWAN
UPC	191130138265
Physical	
Cable Length	N/A
Length	9.00mm
Mounting Style	Surface Mount
Net Weight	0.067/g
Packaging Type	Embossed Tape on Reel
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.63mm
Width	3.00mm
Electrical	
Band#1 F_End (MHz)	870
Band#1 F_Start (MHz)	868
Band#2 F_End (MHz)	928
Band#2 F_Start (MHz)	902
Electrical Connectivity	SMD
Peak Gain (dBi)	1.5 @ 868 MHz, 1.8 @ 902 MHz
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	65% @ 902 MHZ, 70% @ 868 MHz
Material Info	
Reference - Drawing Numbers	
Application Specification	2081420001-AS
Packaging Specification	2081420001-PK
Product Specification	2081420001-PS
Sales Drawing	2081420001-000

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)9139-DC (19 Jan 2021)	
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

208142 Series