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Part Number: [2084850001](#)
Status: **Active**
Overview: [LTE Cellular Antennas](#)
Description: 600MHz-4000MHz Ceramic Antenna, Low-profile, SMT

Documents:

3D Model	Application Specification 2084850001-AS (PDF)
3D Model (PDF)	Packaging Specification 2084850001-PK (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 2084850001-PS (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Antennas
Series	208485
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	LTE Cellular Antennas
Product Name	600-4000MHz Ceramic Antenna
Protocol	Cellular
Type	Cellular Antenna, LPWAN
UPC	191130138272

Physical

Cable Length	N/A
Length	38.00mm
Mounting Style	Surface Mount
Net Weight	3.548/g
Packaging Type	Embossed Tape on Reel
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	3.00mm
Width	8.00mm

Electrical

Band#1 F_End (MHz)	894
Band#1 F_Start (MHz)	617
Band#2 F_End (MHz)	2690
Band#2 F_Start (MHz)	1710
Band#3 F_End (MHz)	3800
Band#3 F_Start (MHz)	3300
Electrical Connectivity	SMD
Peak Gain (dBi)	1.6 @ 617 MHz, 3.6 @ 3.3 GHz, 4.7 @ 1710 MHz
Return Loss - S11 (dB)	< -4, < -6
Total Efficiency	>65% @ 1710 MHz, >65% @ 3.3 GHz, >70% @ 617 MHz

Material Info

Reference - Drawing Numbers

Application Specification	2084850001-AS
Packaging Specification	2084850001-PK
Product Specification	2084850001-PS
Sales Drawing	2084850001-SD

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

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