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Part Number:

1461850050

Status:

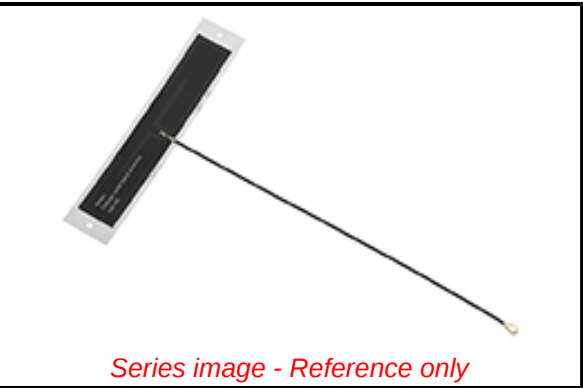
Active

Overview:

Antennas

Description:

Cellular Quad-band Flex Antenna, 15.00mm Width, Cable Length 50.00mm



Documents:	
3D Model	Application Specification AS-146185-100-001 (PDF)
Drawing (PDF)	Packaging Specification 1461850100-000 (PDF)
Product Specification PS-146185-100-001 (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	Antennas
Series	146185
Component Type	Stand Alone Antenna with Cable
Mates With	73412-0110 Microcoaxial RF, 50 Ohm
Overview	Antennas
Product Name	Multi-band Cellular-Wi-Fi
Protocol	Cellular
Type	Cellular Antenna
UPC	889056549622
Physical	
Cable Length	50.00mm
Length	84.00mm
Mounting Style	Adhesive
Net Weight	0.566/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	15.00mm
Electrical	
Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	824
Band#2 F_End (MHz)	2700
Band#2 F_Start (MHz)	1710
Band#3 F_End (MHz)	6000
Band#3 F_Start (MHz)	3000
Electrical Connectivity	Cable
Impedance	50Ω
Number of Bands	2 - Wi-Fi, 7 - Cellular
Peak Gain (dBi)	1.6 @ 824M, 3.4 @ 1710M, 4.2 @ 3G
Return Loss - S11 (dB)	< -4, < -6
Total Efficiency	>65% @ 824M, >72% @ 1710M, >74% @ 3G
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-146185-100-001
Packaging Specification	1461850100-000
Product Specification	PS-146185-100-001
Sales Drawing	SD-146185-050-001

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

146185 Series

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