



Part Number : 2072350150

Series Number : 207235
Product Category : Antennas

Product Description : 824MHz-2170MHz
Cellular Flexible Antenna, 150.00mm Cable
Length, Compatible with U.FL / I-PEX MHF
Connectors
Status : Active

Documents & Resources

Drawings

Drawing 2072350150_sd.pdf
Packaging Design Drawing 2072350100-PK.pdf

3D Models and Design Files


3D Model 2072350150_stp.zip

Specifications

Application Specification 2072350100-AS.pdf
Product Specification 2072350100-PS.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Antennas
Series	207235
Description	824MHz-2170MHz Cellular Flexible Antenna, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Family	LTE Cellular Antennas
Product Name	Cellular Flexible Antenna
Protocol	Cellular
Type	Cellular Antenna, Internal
UPC	191128895927

Electrical

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	824
Band#2 F_End (MHz)	2170
Band#2 F_Start (MHz)	1710
Electrical Connectivity	Cable
Peak Gain (dBi)	0 @ 824 MHz, 3.8 @ 1710 MHz
Return Loss - S11 (dB)	< -5, < -8
Total Efficiency	>31% @ 824 MHz, >60% @ 1710 MHz

Physical

Cable Length	150.00mm
Length	40.40mm
Mounting Style	Adhesive

Net Weight	0.791/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	15.40mm

Mates With / Use With

Mates with Part(s)

Description	Part Number
50 Ohms, MCRF, PCB Vertical Jack Receptacle, SMT, 1.25mm Mounted Height	<u>734120110</u>

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