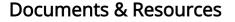


Part Number : 2072350150 Product Description : 824MHz-2170MHz Cellular Flexible Antenna, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors Series Number : 207235 Status : Active Product Category : Antennas



Drawings 2072350150_sd.pdf 2072350100-PK.pdf

3D Models and Design Files

2072350150_stp.zip

Specifications 2072350100-AS.pdf

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(2024)4144-DC (27 June 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 Name	Cellular Flexible Antenna
Protocol	Cellular
Туре	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	734120110

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