



Part Number : [2072350100](#)

Product Description : 824MHz-2170MHz
Cellular Flexible Antenna, 100.00mm Cable
Length, Compatible with U.FL / I-PEX MHF
Connectors

Series Number : 207235

Status : Active

Product Category : Antennas



Documents & Resources

Drawings

[Drawing 2072350100_sd.pdf](#)

[Packaging Design Drawing 2072350100-PK.pdf](#)

3D Models and Design Files

[3D Model 2072350100_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)3788-DC (14 Jun 2023)
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, 100.00mm 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	191128861267

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, 4.3 @ 1710 MHz
Return Loss - S11 (dB)	< -4, < -6
Total Efficiency	>30% @ 824 MHz, >60% @ 1710 MHz

Physical

Cable Length	100.00mm
Length	40.40mm

Mounting Style	Adhesive
Net Weight	0.771/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>0734120110</u>