



Part Number : 1052630002

Series Number : 105263

Product Category : Antennas

Product Description : Cellular 6 Band Antenna, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Status : Active

Documents & Resources


Drawings
Drawing 1052630002_sd.pdf

3D Models and Design Files
3D Model 1052630002_stp.zip

Specifications
Packaging Specification PK-105263-001-001.pdf
Product Specification PS-105263-002-001.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

Part Details

General

Status	Active
Category	Antennas
Series	105263
Description	Cellular 6 Band 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 6-Band Stand Alone
Protocol	Cellular
Type	Cellular Antenna, Internal
UPC	887191106274

Electrical

Band#1 F_End (MHz)	894
Band#1 F_Start (MHz)	824
Band#2 F_End (MHz)	960
Band#2 F_Start (MHz)	880
Band#3 F_End (MHz)	1880
Band#3 F_Start (MHz)	1710
Band#4 F_End (MHz)	1990
Band#4 F_Start (MHz)	1850
Band#5 F_End (MHz)	2170
Band#5 F_Start (MHz)	1920
Band#6 F_End (MHz)	2690
Band#6 F_Start (MHz)	2500
Electrical Connectivity	Cable
Peak Gain (dBi)	2.2 @ 824 MHz, 3.0 @ 1710 MHz
Return Loss - S11 (dB)	< -6.8

Total Efficiency	> -1.7dB @ 824 MHz, > -2.2dB @ 1710 MHz
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Physical

Cable Length	150.00mm
Length	106.70mm
Mounting Style	Adhesive
Net Weight	1.014/g
Packaging Type	Tray
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	13.00mm

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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