



Part Number : [1052630003](#)
Product Description : Cellular 6 Band
Antenna, 200.00mm Cable Length,
Compatible with U.FL / I-PEX MHF Connectors
Series Number : 105263
Status : Active
Product Category : Antennas



Documents & Resources


Drawings
[1052630003_sd.pdf](#)

3D Models and Design Files
[1052630003_stp.zip](#)

Specifications
[PK-105263-001-001.pdf](#)
[PS-105263-003-001.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)7663-DC (21 Jan 2025)
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	105263
Description	Cellular 6 Band Antenna, 200.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Name	Cellular 6-Band Stand Alone
Protocol	Cellular
Type	Cellular Antenna, Internal
UPC	887191106298

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)	< -7.5
Total Efficiency	> -1.9dB @ 824 MHz, > -2.2dB @ 1710 MHz

Physical

Cable Length	200.00mm
Length	106.70mm
Mounting Style	Adhesive
Net Weight	1.126/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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