molex
one company › a world of innovation

This document was generated on 03/16/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 2042870100

Status: Active

Overview: Industrial, Scientific and Medical (ISM) Antennas

Description: ISM 433MHz Flex Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Series image - Reference only

Documents:

3D Model
3D Model (PDF)
Drawing (PDF)
Product Specification 2042870100-PS (PDF)
Application Specification 2042870100-AS (PDF)
Packaging Specification 2042870100-PK (PDF)
Datasheet (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Antennas
Series	204287
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	Industrial, Scientific and Medical (ISM) Antennas
Product Name	ISM 433MHz Flex Antenna
Protocol	LoRa
Taxonomy	Antennas
Type	Internal, ISM Antenna
UPC	191128411370

Physical

Cable Length	100.00mm
Length	90.00mm
Mounting Style	Adhesive
Net Weight	1.395/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	40.00mm

Electrical

Electrical Connectivity	Cable
Frequency	433 MHz
Peak Gain (dBi)	0.7
Return Loss - S11 (dB)	< -10
Total Efficiency	>55%

Material Info

Reference - Drawing Numbers

Application Specification	2042870100-AS
Packaging Specification	2042870100-PK
Product Specification	2042870100-PS
Sales Drawing	2042870100-SD

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Contained per - D(2022)9120-DC (17 Jan 2023)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinoprop

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
204287 Series

Mates With
734120110 Microcoaxial RF, 50 Ohm

This document was generated on 03/16/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Downloaded from Arrow.com.