

2195873-1 ✓ ACTIVE

TE Internal #: 2195873-1

Flexible PCB (FPC) Antenna, Multi Band, LTE / GNSS / Cellular,
External Mount, Connector, Omnidirectional, Single Port, Gain 3 <
6 dBi

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Antennas



Wireless Application: Cellular, GNSS, LTE

Mounting Location: External

Mounting Type: Connector

Antenna Type: Flexible PCB (FPC)

Directionality: Omnidirectional

Features

Configuration Features

Antenna Style	Flexible PCB
Mounting Location	External
Antenna Type	Flexible PCB (FPC)
Band Type	Multi Band
Port Configuration	Single Port

Electrical Characteristics

Antenna Operation	Passive
VSWR (Max)	<4.0:1
Impedance	50 Ω

Signal Characteristics

Nominal Frequency Range	698 – 2700
Peak Gain	3 < 6 dBi

Body Features

Product Weight	44 g[1.58 oz]
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Mechanical Attachment

Polarization	Linear
Mounting Type	Connector

Dimensions

Cable Length	.2 m[.66 ft]
Product Width	46.95 mm[1.85 in]
Product Length	61.9 mm[2.44 in]
Product Height	16.1 mm[.634 in]

Operation/Application

Wireless Standard	Cellular, GPS
Directionality	Omnidirectional

Industry Standards

Wireless Application	Cellular, GNSS, LTE
Primary Application	Cellular, GNSS, LTE

Product Availability

Applicable Region	Americas
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Packaging Features

Packaging Method	Box
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these

limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Documents

Product Drawings

LEMBAS LTE GNSS USB Modem

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2195873-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2195873-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2195873-1_1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Instructions Manual LEMBAS

English

Product Specifications

Product Specification

English

Instruction Sheets



[Instruction Sheet \(U.S.\)](#)

English