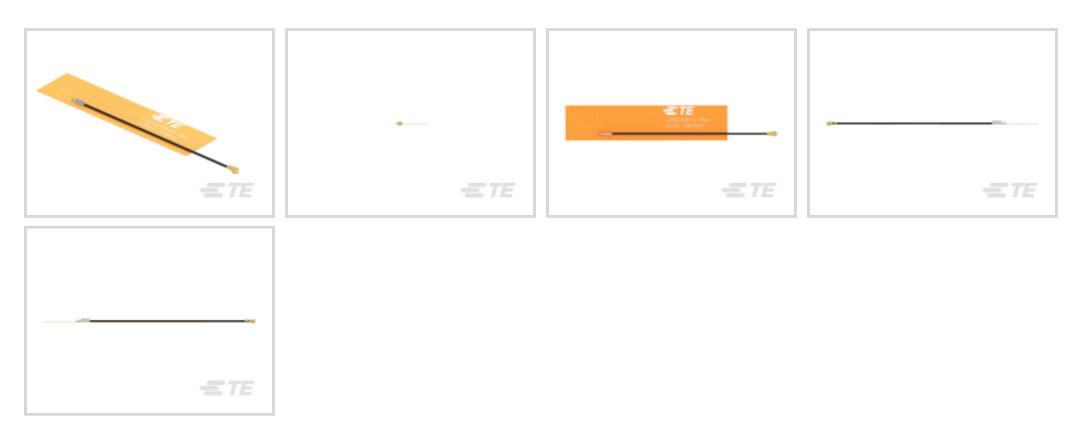
# L000728-02 - ACTIVE

TE Internal #: L000728-02 Flexible PCB (FPC) Antenna, Internal/Embedded Mount, Adhesive, MHF4, Omnidirectional, Single Port

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Antennas



Mounting Location: Internal/Embedded

Mounting Type: Adhesive

Antenna Type: Flexible PCB (FPC)

Antenna Termination: MHF4

Directionality: **Omnidirectional** 

# Features

# **Product Type Features**

Antenna Termination	MHF4
Antenna Product Type	Antenna
Configuration Features	
Antenna Style	Flexible PCB
Mounting Location	Internal/Embedded
Antenna Type	Flexible PCB (FPC)
Port Configuration	Single Port
Electrical Characteristics	
Antenna Operation	Passive
Impedance	50 Ω
Body Features	
Product Weight	.2 g[.007 oz]
Mechanical Attachment	
Polarization	Linear
Mounting Type	Adhesive

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### Dimensions

Cable Insulation Diameter (Max)	1.13 mm[.044 in]
Cable Length	.05 m[.16 ft]
Product Width	20 mm[.787 in]
Product Length	92.5 mm[3.641 in]
Product Height	.13 mm[.005 in]
Operation/Application	
Directionality	Omnidirectional
Packaging Features	
Packaging Method	Bag/Carton
Other	
Precision Level	Standard
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free

### 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An

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Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

# Documents

Product Drawings LPWA FPC ANT VDP MHF4L 50mm 410-467 MHz

English

### **CAD** Files

Customer View Model ENG\_CVM\_CVM\_L000728-02\_1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_L000728-02\_1.3d\_stp.zip

English

## 3D PDF

3D

Customer View Model ENG\_CVM\_CVM\_L000728-02\_1.2d\_dxf.zip

English

Datasheets & Catalog Pages LPWA 410 - 467 MHz FPC ANTENNAS

English

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English