

OTX-433-HH-KF2-MS

✓ ACTIVE

TE Internal #: OTX-433-HH-KF2-MS

Remote Control, 434 MHz, 3.6 VDC, Encoded, Transmitter, None

Security, 1 Channel

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Connectors > RF Connectors > RF Modules > Radio Modules



Radio Module Product Type: **Remote Control**

Operating Frequency Range: **434 MHz**

Operating Voltage: **3.6 VDC**

Operating Temperature Range: **0 – 70 °C [ -32 – 158 °F ]**

Product Width: **34.4 mm [ 1.35 in ]**

Features

Product Type Features

|                           |                |
|---------------------------|----------------|
| Radio Module Product Type | Remote Control |
| Radio Type                | Transmitter    |

Configuration Features

|                  |               |
|------------------|---------------|
| Remote Interface | 1 - 5 Buttons |
|------------------|---------------|

Electrical Characteristics

|                          |         |
|--------------------------|---------|
| Operating Voltage        | 3.6 VDC |
| TX Current               | 12.6 mA |
| Power Down Current (Max) | 1.5 µA  |

Signal Characteristics

|                           |         |
|---------------------------|---------|
| Operating Frequency Range | 434 MHz |
| Number of Channels        | 1       |

Dimensions

|                |                  |
|----------------|------------------|
| Product Width  | 34.4 mm[1.35 in] |
| Product Length | 56.7 mm[2.23 in] |

Usage Conditions

|                             |                         |
|-----------------------------|-------------------------|
| Operating Temperature Range | 0 – 70 °C[-32 – 158 °F] |
| Line of Sight Distance      | 230 m[750 ft]           |

Operation/Application



|                    |         |
|--------------------|---------|
| Wireless Data Type | Encoded |
| Modulation         | OOK     |
| TX Power           | 0 dBm   |

Industry Standards

|                 |      |
|-----------------|------|
| Module Security | None |
| Module Protocol | MS   |
| Regulatory Type | CE   |

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)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 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 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.

Customers Also Bought



|   |   |   |  |
|---|---|---|--|
|  <p>TE Part #T4040014041-000<br/>M8.MLE.PNLREAR.4POS.STR PCB</p>               |  <p>TE Part #6-1437657-9<br/>8PCV-03-006=#8 TRIBARRIER</p>                    |  <p>TE Part #147873-1<br/>SWITCH,TACT,SMT,J-LEAD,5.0MM</p>                   |  <p>TE Part #ANT-433-HESM<br/>Antenna 1/4 Wave Coil 433MHz SMT</p>            |
|  <p>TE Part #556136-1<br/>CONT,AMPINNRGY WTW,STRIP,10-12</p>                  |  <p>TE Part #ANT-916-CW-HW-SMA<br/>Antenna 1/2 Wave Whip Whip 916MHz SMA</p> |  <p>TE Part #HUM-900-PRC-CAS<br/>Module HUM-PRC 900MHz FHSS FM XCVR FCC</p> |  <p>TE Part #OTX-433-HH-KF1-HT<br/>Remote HT 433MHz OOK AM 1Btn KF TX EU</p> |
|  <p>TE Part #OTX-433-HH-LR8-MS<br/>Remote MS 433MHz OOK AM 8Btn HH TX EU</p> |  <p>TE Part #RXM-433-LR<br/>Module LR 433MHz AM OOK RX RCVR</p>             |   |  |

Documents

Product Drawings

Remote MS 433MHz OOK AM 2Btn KF TX EU

English

Datasheets & Catalog Pages

MS Keyfob Transmitter

English