

TXM-315-LR

✓ ACTIVE

TE Internal #: TXM-315-LR  
RF Module, Serial Interconnect, .1 – 10 Kb/s Data Rate, 315 MHz,  
3.6 VDC, Transparent, Transmitter, None Security, 1 Channel  
[View on TE.com >](#)



Connectors > RF Connectors > RF Modules > Radio Modules



Radio Module Product Type: **RF Module**  
Interconnection Type: **Serial**  
Interface Data Rate: **.1 – 10 Kb/s**  
Operating Frequency Range: **315 MHz**  
Operating Voltage: **3.6 VDC**

Features

Product Type Features

Radio Module Product Type	RF Module
Radio Type	Transmitter

Electrical Characteristics

Operating Voltage	3.6 VDC
TX Current	3.4 mA
Power Down Current (Max)	5 µA

Signal Characteristics

Interface Data Rate	.1 – 10 Kb/s
Operating Frequency Range	315 MHz
Number of Channels	1
RF Data Rate	.1 – 10 Kb/s

Body Features

Interconnection Type	Serial
----------------------	--------

Dimensions

Product Width	9.14 mm[.36 in]
Product Length	12.7 mm[.5 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
-----------------------------	---------------------------



Line of Sight Distance1000 m[3000 ft]

Operation/Application

Wireless Data Type	Transparent
Modulation	OOK
TX Power	4 dBm

Industry Standards

Module Security	None
Module Protocol	None
Regulatory Type	None

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) Not Yet Reviewed
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.

Compatible Parts

TXM-315-LR

RF Module, Serial Interconnect, .1 – 10 Kb/s Data Rate, 315 MHz, 3.6 VDC, Transparent, Transmitter, None Security, 1 Channel



TE Part # RXM-315-LR

Module LR 315MHz AM OOK RX RCVR

TE Part # TXM-315-LC

Module LC 315MHz AM OOK TX XMTR

Customers Also Bought

TE Part #282841-2

TERMI-BLOK PCB MOUNT 2P. 5

TE Part #282841-3

TERMI-BLOK PCB MOUNT 3P. 5

TE Part #1437624-8

PK70B1/4=KNOB PLASTIC BLK 1/4

TE Part #1437652-1

6PCR-08-008=6 SERIES ASSEMBLY

TE Part #1623285-1

CRG0805 1% 7K5

TE Part #1-1586043-4

14P VAL-U-LOK R/A HDR SCRMT V2

TE Part #ANT-916-CW-QW

Antenna 1/4 Wave Whip 916MHz

TE Part #CSA-RPSM-216-RSFB

RP-SMA to RP-SMA 216mm RG174

TE Part #OTX-418-HH-CP8-MS

Remote MS 418MHz OOK AM 8Btn HH TX FCC

TE Part #RXM-315-LR

Module LR 315MHz AM OOK RX RCVR

Documents

Product Drawings

Module LR 315MHz AM OOK TX XMTR

English

Datasheets & Catalog Pages

LR Series Transmitter Module

English