

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 μΑ
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

Dimensions

Body Features

Interconnection Type

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

Serial

Usage Conditions

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



Line of Sight Distance	1000 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.

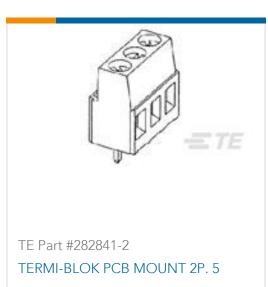
Compatible Parts

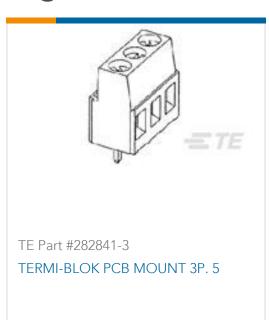






Customers Also Bought

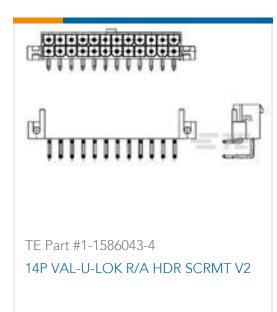




















Documents

Product Drawings

Module LR 315MHz AM OOK TX XMTR

English

Datasheets & Catalog Pages
LR Series Transmitter Module

English