PAL90209H-FNF ✔ ACTIVE

TE Internal #: PAL90209H-FNF

Panel Antenna, Single Band, RFID, External Mount, Wall/Ceiling Mount, N-type, Directional, Single Port, > 6 dBi Peak Gain

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Antennas



Communication Protocol: **RFID**

Mounting Location: **External**

Mounting Type: **Wall/Ceiling Mount**

Frequency Category: **901 – 941**

Antenna Type: **Panel**

Features

Product Type Features

Antenna Termination	N-type
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Panel
Mounting Location	External
Antenna Type	Panel
Band Type	Single Band
Port Configuration	Single Port

Signal Characteristics

Frequency Band	902 – 928 MHz
Gain (Max)	9 dB
Frequency Category	901 – 941
Peak Gain	> 6 dBi

Mechanical Attachment

Mounting Type	Wall/Ceiling Mount

Operation/Application

Antenna Environment	Indoor, Outdoor
Directionality	Directional

Industry Standards

Communication Protocol	RFID
Primary Application	RFID

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	未针对中国 RoHS 符合性进行审核 Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: Not Yet Reviewed SVHC > Threshold: Pb (4% in Component) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 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



TE Part # PAL90209H-001
Panel,LHCP,FIXED,NF 902-928MHz, 9dBic,Cus



TE Part # PAL86518H-FNF
Panel,LHCP,FIXED,NF 865-956MHz,, 8dBiC,

Customers Also Bought



TE Part #S8658PR96RTN
Panel,RHCP,96in,RTNM



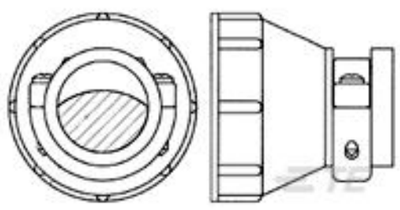
TE Part #66399-3
III+ SKT,24-20,15AU/FL,LP



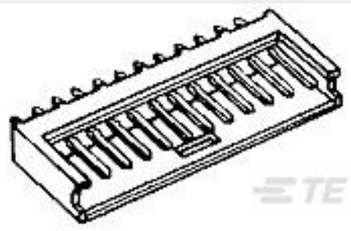
TE Part #182918-1
CPC SQ.FL.RCPT STD SEX



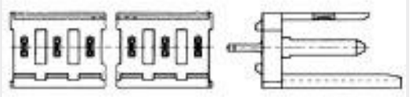
TE Part #182923-1
CPC PLUG ASSY SIZE 23-37



TE Part #182930-1
CPC Cable Clamp Kit, Size 23, Large, UV



TE Part #280508-2
9P AMPMODU II SHRD HDR, ST, 0.38 AU



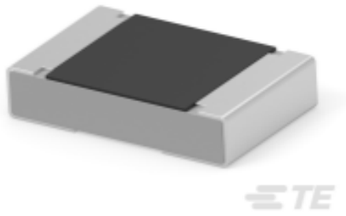
TE Part #280609-1
2P MOD 1 SHROUDED HEADER, ST, TIN PLTD



TE Part #1775470-2
HPI CONN., 2.0MM, V/T, SMT, 2P, 80U"



TE Part #1775470-4
HPI CONN., 2.0MM, V/T, SMT, 4P, 80U"



TE Part #5-2176529-8
3504G 3A 200R 1% 1K RL

Documents

Product Drawings

Panel,LHCP,FIXED,NF 902-928MHz,9dBic,

English

Agency Approvals

UK Declaration of Conformity

English