

CW1503 × OBSOLETE

TE Internal #: CW1503

TE Internal Description: WHIP,WB,5/8,150-162MHz 156MHz,3,CH, GP,

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Antennas



Antenna Type: **Whip**

Band Type: **Single Band**

Primary Application: **VHF**

Wireless Application: **VHF**

Mounting Location: **External**

Features

Signal Characteristics

Frequency Band	150 – 162 MHz
Gain (Max)	3 dB
Frequency Category	132 – 174
Peak Gain	0 < 3 dBi

Operation/Application

Antenna Environment	Outdoor
Directionality	Omnidirectional

Configuration Features

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

Industry Standards

Primary Application	VHF
Wireless Application	VHF

Product Type Features

Antenna Termination	NMO
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Antenna Product Type

Antenna

Mechanical Attachment

Mounting Type

Stud/Screw/Lug Mount

Other

EU RoHS Compliance

Compliant with Exemptions

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

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024 (241)
Not Yet Reviewed

Halogen Content

Not Yet Reviewed for halogen content

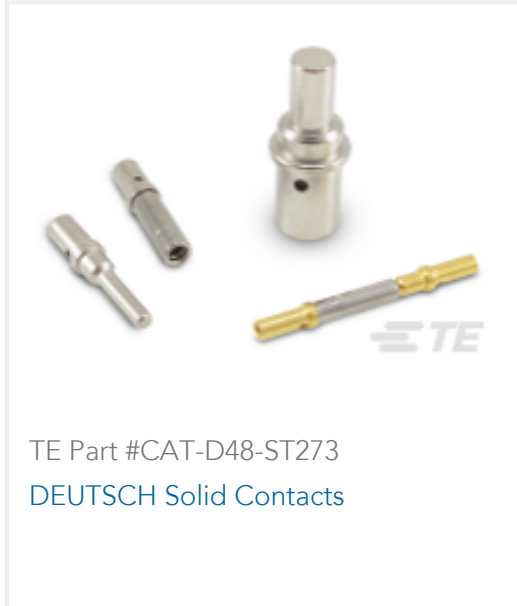
Solder Process Capability

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



Documents

[Datasheets & Catalog Pages](#)

[Mobile Load Coil Antennas](#)

English