TRA8903NP ✔ ACTIVE

TE Internal #: TRA8903NP

Baton/Stick Antenna, Single Band, Cellular, External Mount, Connector Mount, NMO, Omnidirectional, Single Port, 0 < 3 dBi Peak Gain

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Antennas



Communication Protocol: **Cellular**

Mounting Location: **External**

Mounting Type: **Connector Mount**

Frequency Category: **698 – 960**

Antenna Type: **Baton/Stick**

Features

Product Type Features

Antenna Termination	NMO
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Stick/Baton
Mounting Location	External
Antenna Type	Baton/Stick
Band Type	Single Band
Port Configuration	Single Port

Electrical Characteristics

Antenna Operation	Passive
VSWR (Max)	< 2.0:1

Signal Characteristics

Frequency Band	806 – 866 MHz
Frequency Category	698 – 960
Peak Gain	0 < 3 dBi

Mechanical Attachment

Mount Product Type	Through-Hole
Polarization	Linear

Mounting Type	Connector Mount

Operation/Application

Option	Connector Preinstalled
Antenna Environment	Outdoor
Wireless Standard	Cellular
Directionality	Omnidirectional

Industry Standards

IP Rating	IP67
Communication Protocol	Cellular
Primary Application	Cellular

Product Availability

Applicable Region	Worldwide

Packaging Features

Packaging Method	Box

Other

Precision Level	Standard

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) Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # LAIL350NN
SURGE,NN,0-1000MHZ INLINE



TE Part # LABH2400NN
SURGE,NN,0-4000MHZ



TE Part # LABH350NN
SURGE,BNN,0-1000MHZ

Customers Also Bought



TE Part #ANT-MAG-B85-RPS
Antenna Magnetic Base 85mm RG174 4M RPS



TE Part #TRAB8903NP
OMNI,SB,Ph,890-960MHz 3,NGP PMT



TE Part #OF86315-FNF
OMNI,FG,863-928MHz ,5dBi,



TE Part #073863-000
55A1831-16-MST3-9CS2275



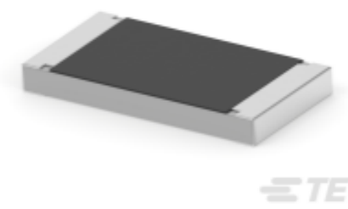
TE Part #TRA8903
OMNI,Ph,NMO,890-960MHz WHT, 3,100,



TE Part #6-104910-3
14 MTE HDR SRST LATCH .100CL



TE Part #1-2016698-2
RF CA,UMCC GEN4-GEN4,1.13MM CABLE,L100MM



TE Part #2176350-1
CRGCQ 2512 1R0 5%



TE Part #2154828-2
Cable Assembly EPII 3 Pos



TE Part #1-2840573-1
PCON12,TERMINAL,FAM SLD/UNSLD

Documents

Datasheets & Catalog Pages

800 MHz - 5.8 GHz Antennas

English

ANT-DS-Phantom-NGP

English

Agency Approvals

UK Declaration of Conformity

English