

GPS1559MP

✓ ACTIVE

TE Internal #: GPS1559MP
Dome/Puck Antenna, Multi Band, GNSS, External Mount, Stud /Screw/Lug Mount, N-type, Omnidirectional, Single Port, 0 < 3 dBi Peak Gain
[View on TE.com >](#)



Antennas



Communication Protocol: **GNSS**
Mounting Location: **External**
Mounting Type: **Stud/Screw/Lug Mount**
Frequency Category: **1420 – 1620**
Antenna Type: **Dome/Puck**

Features

Product Type Features

Antenna Termination	N-type
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Disk-Puck
Mounting Location	External
Antenna Type	Dome/Puck
Band Type	Multi Band
Port Configuration	Single Port

Electrical Characteristics

Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	< 2.0:1

Signal Characteristics

Frequency Band	1559 – 1606 MHz
Gain (Max)	2 dB
Frequency Category	1420 – 1620
Peak Gain	0 < 3 dBi

Body Features



Antenna Weight	98 g
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Mechanical Attachment

Polarization	Right Hand Circular
Mounting Type	Stud/Screw/Lug Mount

Dimensions

Product Diameter	67.06 mm[2.64 in]
Product Height	37.2 mm[1.46 in]
Cable Length	.23 m

Operation/Application

Antenna Environment	Outdoor
Wireless Standard	GPS
Directionality	Omnidirectional

Industry Standards

Communication Protocol	GNSS
Primary Application	GNSS

Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Bag & Box
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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 # LABH2400NN
SURGE,NN,0-4000MHZ



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



TE Part # LAIL350NN
SURGE,NN,0-1000MHZ INLINE

Customers Also Bought



TE Part #1010-062-0306
SEAL, INTF, 3P, RED-ORG, SL RET, DT



TE Part #DT6S-BT-BK
BOOT, 6P, PLG, ST, BLK



TE Part #1010-064-0206
SEAL, INTF, 2P, RED-ORG, SL RET, DT



TE Part #SRK-BS-MD-90-001
BKSHL, MED, BLK, RA, NW 17/22



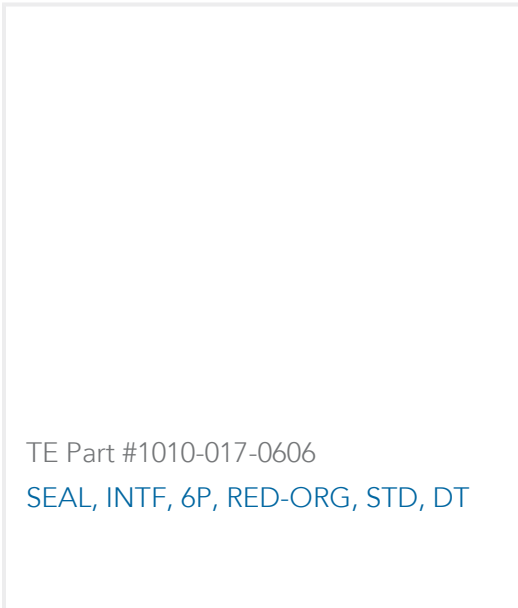
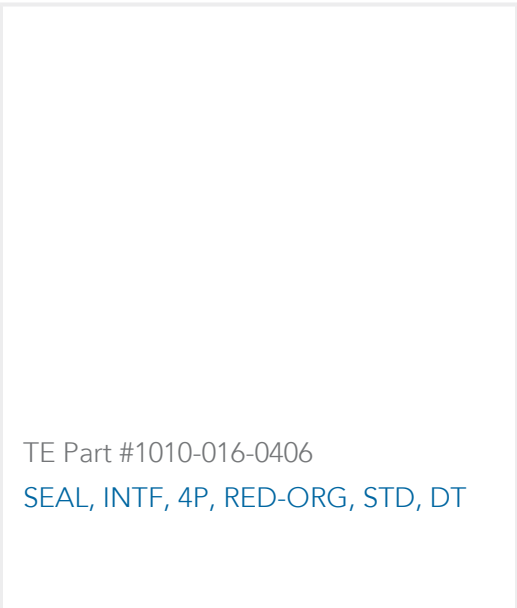
TE Part #TRAB9023NP
OMNI,SB,Ph,902-928MHz BK,3,100, NGP



TE Part #0600-00025
ANT,900MHZ,2.0DBI STRAIGHT, FL, MMCX, 7I

TE Part #1010-007-0806
SEAL, INTF, 8P, RED-ORG, STD, DT

TE Part #1010-020-1206
SEAL, INTF, 12P, RED-ORG, STD, DT



Documents

[Datasheets & Catalog Pages](#)
[Omnidirectional GPS Antenna Data Sheet](#)
English