

ANT-GPS-SH2-MMX

✕ OBSOLETE

TE Internal #: ANT-GPS-SH2-MMX

TE Internal Description: Antenna GPS Ext Mag RG174 3M MMCX

[View on TE.com >](#)



Antennas



Wireless Application: **GNSS, GPS**

Mounting Location: **Remote**

Mounting Type: **Magnet**

Frequency Category: **1164 – 1610**

Antenna Type: **Module**

Features

Product Type Features

Antenna Termination	MMCX
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Disk-Puck
Mounting Location	Remote
Antenna Type	Module
Band Type	Dual Band
Port Configuration	Single Port

Electrical Characteristics

VSWR (Max)	<1.5:1
Impedance	50 Ω

Signal Characteristics

Gain (Max)	5 dB
Frequency Band	1553 – 1609 MHz
Frequency Category	1164 – 1610
Peak Gain	> 6 dBi

Body Features

Product Weight	79 g[2.78659 oz]
----------------	------------------

Mechanical Attachment



Polarization	RHCP
Mounting Type	Magnet

Dimensions

Cable Length	3 m[9.84 ft]
Product Width	36.5 mm[1.44 in]
Product Length	45 mm[1.77 in]
Product Height	12.5 mm[.49 in]

Operation/Application

Directionality	Directional
----------------	-------------

Industry Standards

Wireless Application	GNSS, GPS
Primary Application	GNSS, GPS

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
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

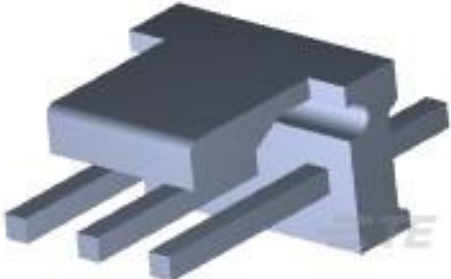
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



TE Part #1-640456-5
PCB Header: Polyester, Vertical,
Unshrouded, No Mating Alignment



TE Part #644752-3
03P MTA156 HDR ASSY SQ STR F/L



TE Part #644752-2
02P MTA156 HDR ASSY SQ STR F/L



TE Part #84533-8
1.25MM FFC POST PLATED H 8P

Documents

Product Drawings
[Antenna GPS Ext Mag RG174 3M MMCX](#)
English

Datasheets & Catalog Pages
[ANT-GPS-SH2-ccc](#)
English