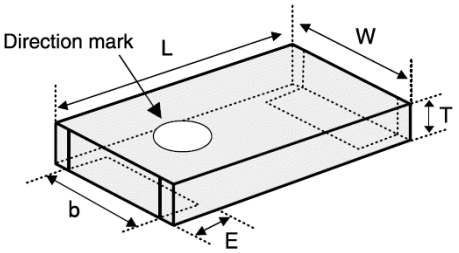
Chip Antennas(Multilayer)

AH316M157501-T



Features

- Item Summary

  MonoPole, 3.2x1.6x0.5mm,

  for GPS
- Lifecycle Stage

  Mass Production
- Standard packaging quantity (minimum)

  Taping Embossed 3000pcs

Products characteristics table

System	GPS
Frequency Band Width	1574.397 to 1576.443 MHz
Center Frequency	1575 MHz
Gain1 (Peak Gain)(typ)	+2.4 dBi
Gain2 (Ave. Gain at OMNI plane)	+0.7 dBi
Efficiency (typ)	-0.8 dB (83 %)
VSWR (typ)	3
Type	MonoPole
Operating Temp. Range	-20 to +80 ℃
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (181 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

External Dimensions

Dimension L	3.2 ±0.15 mm
Dimension W	1.6 ±0.15 mm
Dimension T	0.5 ±0.1 mm
Dimension E	0.5 ±0.2 mm
Dimension b	Min 1.0 mm

2018.03.10

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
TAIYO YUDEN reserves the right to make change to the data at any time without notice.
Before making final selection, please check product specification.

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  Please do not incorporate our products into any equipment requiring high levels of safety and/or reliability (e.g., aerospace equipment, aviation equipment, medical equipment classified as Class IV by IMDRF, nuclear control equipment, undersea equipment, military equipment).
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