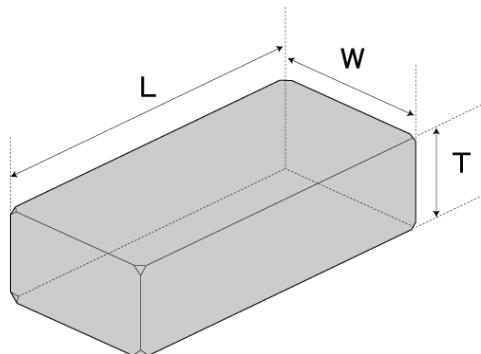


# Chip Antennas

## AF 816M157502



### ■ Features

- Item Summary  
GPS, 8×1.6×1.6mm
- Lifecycle Stage  
Phaseout
- Standard packaging quantity (minimum)  
Taping Embossed 2,000pcs

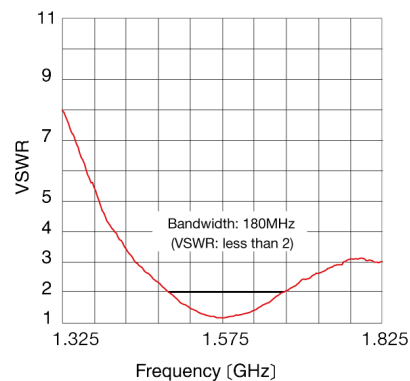
### ■ Products characteristics table

|                            |                      |
|----------------------------|----------------------|
| Temperature Range          | -20 to +80°C         |
| Frequency bandwidth        | 1574.397-1576.443MHz |
| Peak Gain (Typical)        | +2.8dBi              |
| Average Gain at OMNI plane | -0.6dBi              |
| Efficiency (Typical)       | -1.8dB (65%)         |
| V.S.W.R.                   | 3                    |
| RoHS Compliance            | Yes                  |
| Halogen Free               | Yes                  |
| Soldering Method           | Reflow               |

### ■ External Dimensions

|   |                 |
|---|-----------------|
| L | 8mm +0.2:-0.2   |
| W | 1.6mm +0.2:-0.2 |
| T | 1.6mm +0.2:-0.2 |

### ■ Typical Characteristics Fig.



2014.06.09

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