

## Antenna>MHz Band

### SURFACE MOUNTABLE DIELECTRIC CHIP ANTENNAS AMD SERIES

**NEW**

Surface mountable dielectric chip antennas AMD series are result of harmonizing our long experience in ceramic material & process technologies for high frequency applications together with cutting-edge of RF design technologies.

It is very small with low profile, but has a wide range of frequency band.  
It is suitable for compact mobile equipment and communication modules.

#### ■Features

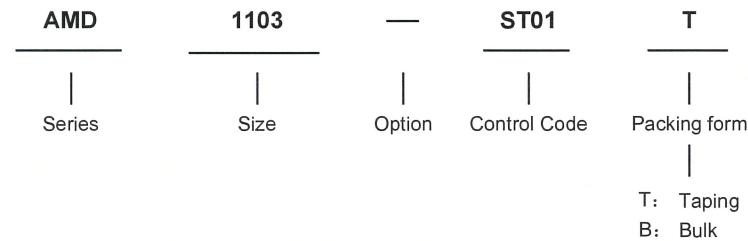
- Very small(10.5×3.0×0.8mm)
- High gain
- Omni-directional
- With an external tuning circuit, frequency range is applicable from 400MHz to 1000MHz.

#### ■Applications

- Telemeter(Industrial & medical use), Telemetry, Telecontroller, Data communication, Keyless entry system, Immobilizer system, Car security system, Voice communication terminal



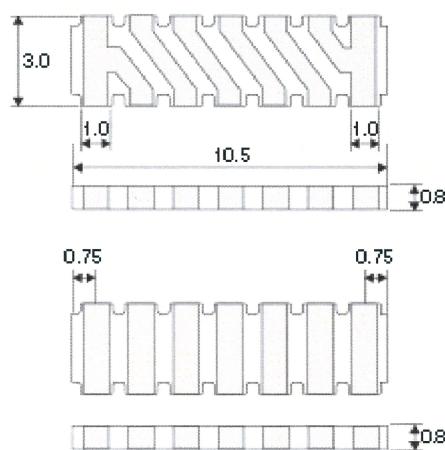
#### ■Part number system



#### ■Dimensions

AMD1103 Series

Unit : mm

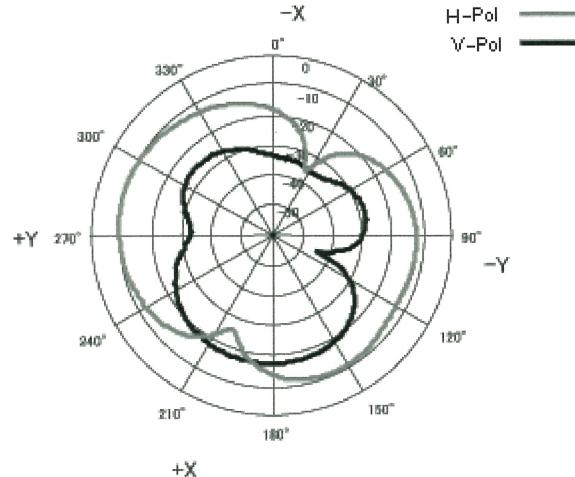
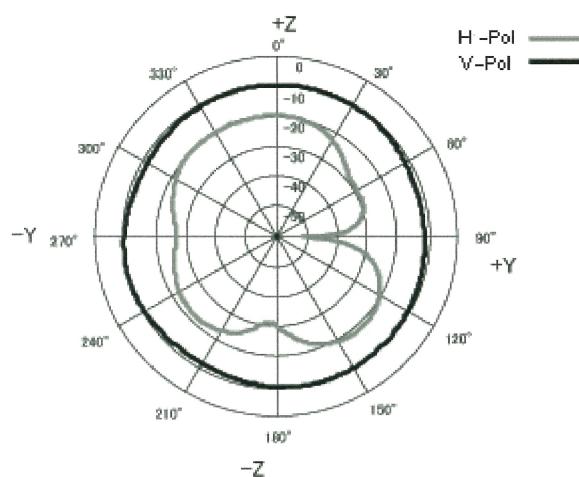
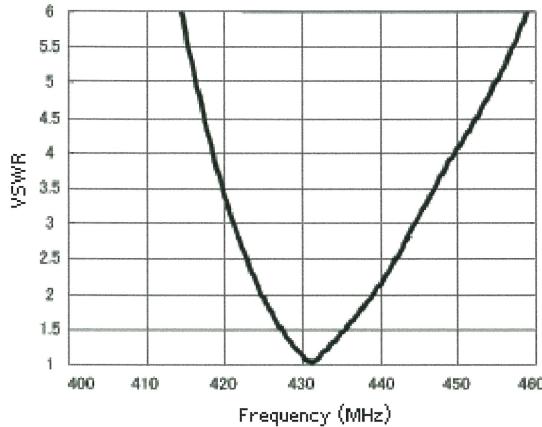


#### ■Characteristics (Reference)

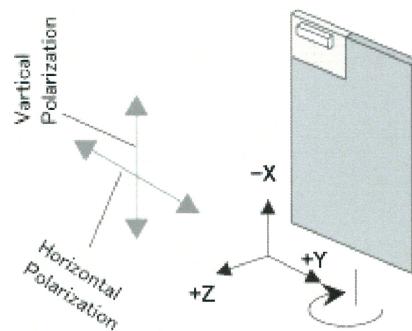
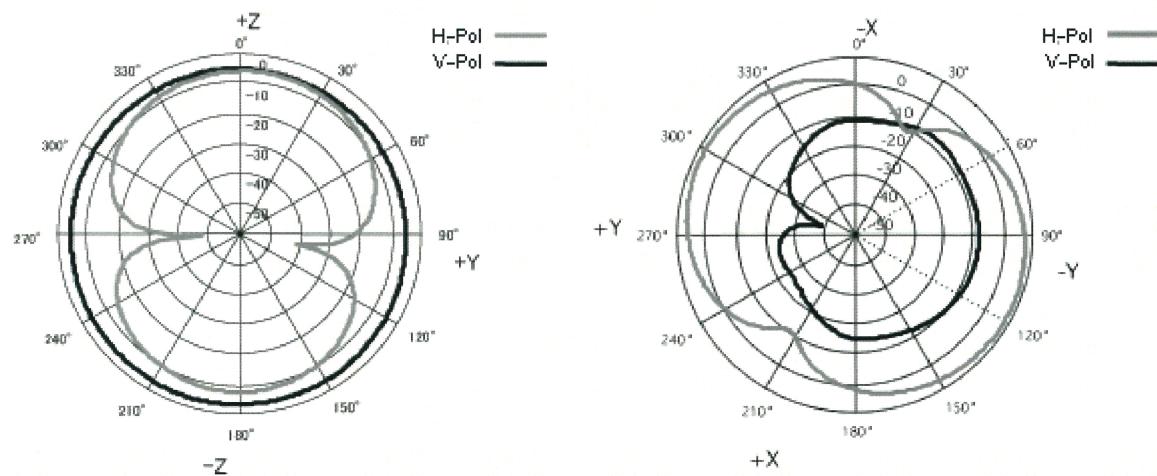
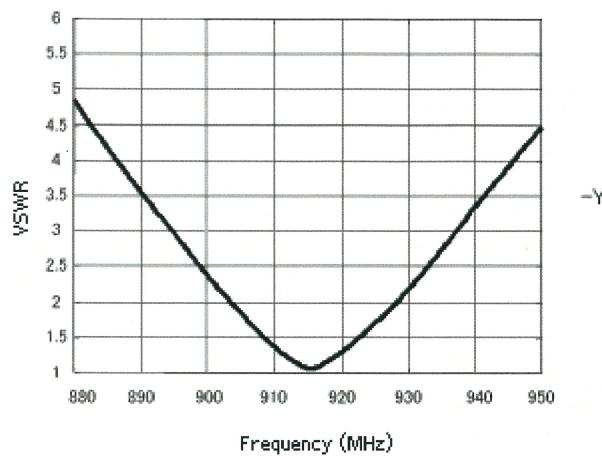
tuned frequency	Bandwidth in VSWR≤3	Peak Gain	Average Gain
430MHz	23MHz	-9.4dBd	-10.2dBd

868MHz	32MHz	-5.1dBd	-6.2dBd
915MHz	42MHz	-3.5dBd	-4.7dBd

■ VSWR & radiation characteristics (Reference) : 430MHz

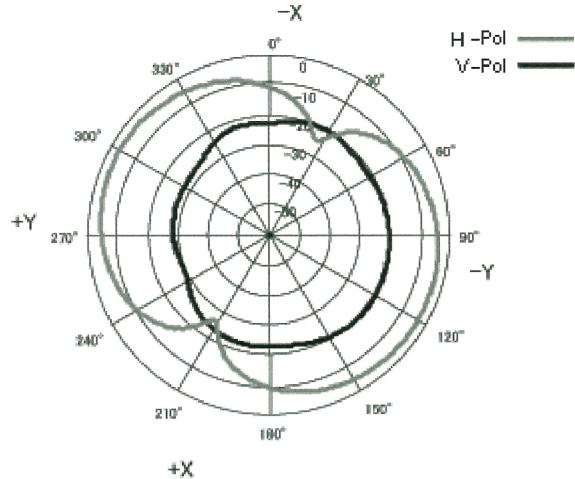
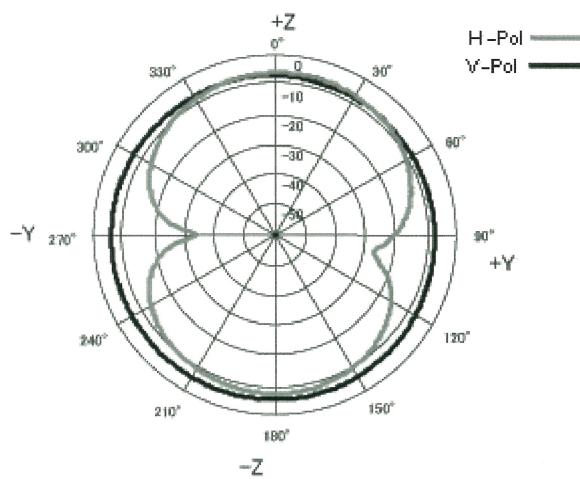
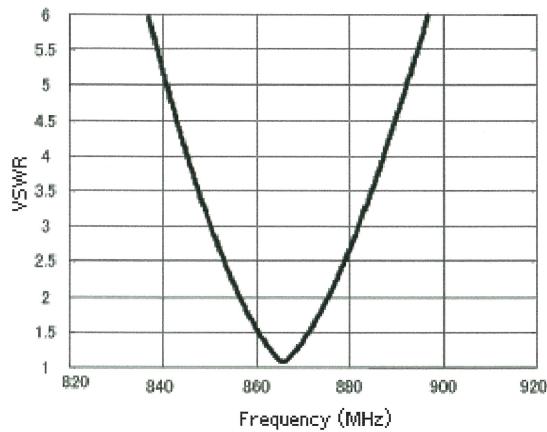


■ VSWR & radiation characteristics (Reference) : 868MHz



\* These properties are not guaranteed ones ,but typical on

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### ■VSWR & radiation characteristics (Reference) : 915MHz