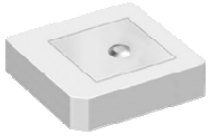
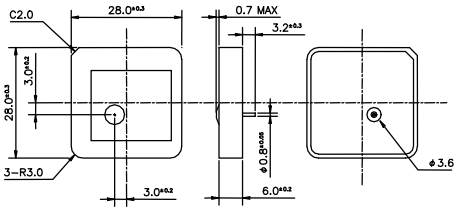
Dielectric Antenna Element for SDARS
衛星デジタルオーディオラジオシステム用誘電体アンテナ素子

TYPE DAA, DAV, DAH

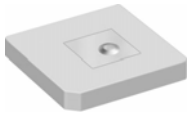
DAA



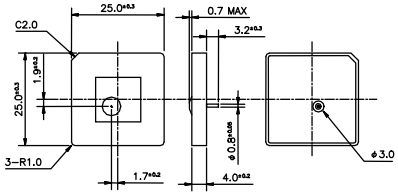
DAA is Dual type Antenna for SiriusXM.



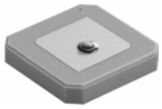
DAV



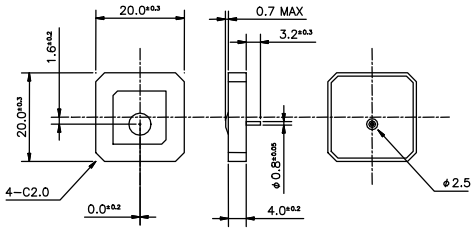
DAV is Antenna for XM.



DAH



DAH is Antenna for XM.



unit:mm

Features

- Left-hand circular polarization specifically developed for reception of satellite digital audio radio systems.
- Microstrip structure, offset single feed through ground plane and substrate.
- RoHS compliant

特　　長

- Satellite radio受信に最適な左旋円偏波誘電体アンテナ素子
- マイクロストリップ構造、オフセット一点給電方式
- RoHS 指令対応

SELECTION GUIDE FOR STANDARD DEVICES

TYPE DAA/DAV/DAH

東光品番	製品サイズ	受信周波数範囲	中心周波数	帯域幅	利得(天頂)	GND板サイズ	インピーダンス
TOKO Part Number	**Antenna size (mm)**	**Range of Receiving Frequency (MHz)**	**Center Frequency (MHz)**	**Bandwidth (MHz) Typ.**	**LHCP Gain (Zenith90°) (dBi)Typ.**	**GND plane size (mm)**	**Impedance (Ω)**
DAA2332CL52T	28×28×6	2332.5±12.5	2400.0 *1	150.0 *2	5.5	40	50.0
#DAV2338CL10T	25×25×4	2338.75±6.25	2348.0 *1	55.0 *2	6.0	70	50.0
DAH2338CL42T	20×20×4	2338.75±6.25	2352.0 *1	50.0 *2	5.0	40	50.0

*1 When covered with the radome, then in general the shift in the center frequency is set so that it will be lower.
レドームを被せた時､一般的に中心周波数は低い方に移動するのを見込んで設定しています。
*2 Return Loss ≦ –10dB
*3 Fixing the Antenna: Use of a double-faced adhesive tape on the grounding plate is recommended.
アンテナの固定について：グランド基板に装着する際は両面接着テープによる装着を推奨します。