

# TECHNICAL DATA OF C4016A1(PLASTIC CASE)

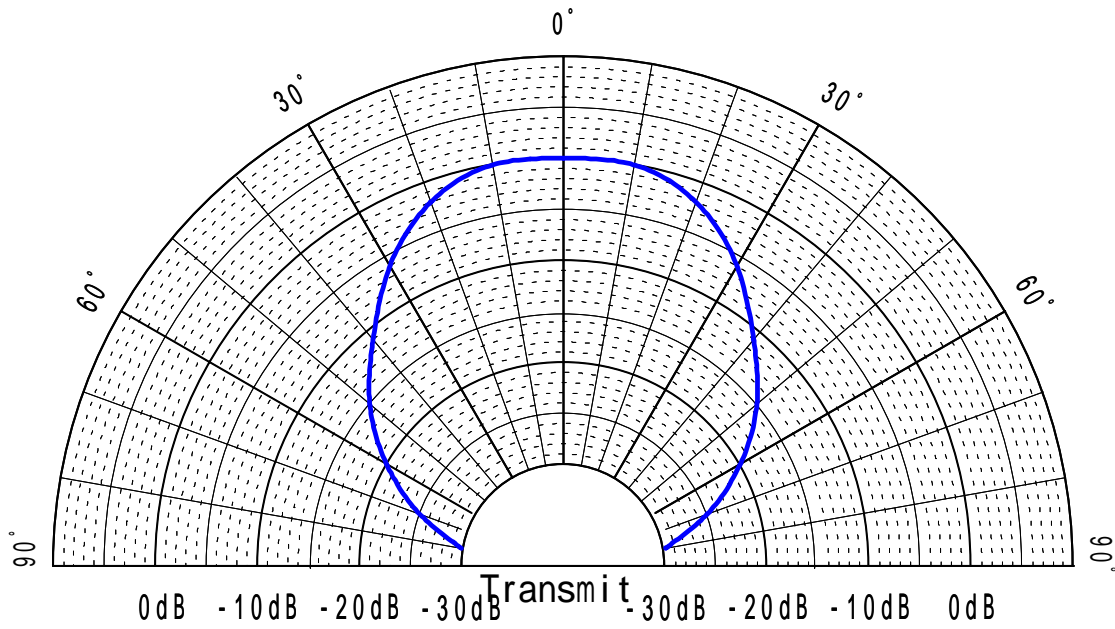
## (1) Electrical Characteristics

Part Number		C4016A1
1	Reflective Sensitivity (TYP.) (dB) (min. ~ max.)	-50.1 -51.3 ~ -48.9
2	Decay Level (at2.0mSec) (TYP.) (mVpp) (min. ~ max.)	6.1 5.2 ~ 9.1
3	Resonant Frequency (TYP.) (kHz) (min. ~ max.)	39.2 39.0 ~ 39.3
4	Resonant Impedance (TYP.) ( ) (min. ~ max.)	1570 1480 ~ 1650
5	Anti-Resonant Frequency (TYP.) (kHz) (min. ~ max.)	40.7 40.5 ~ 40.8
6	Anti-Resonant Impedance (TYP.) ( ) (min. ~ max.)	2680 2540 ~ 2820
7	Capacitance at 1kHz (TYP.) (pF) (min. ~ max.)	2110 2010 ~ 2230
Samples (pcs)		10

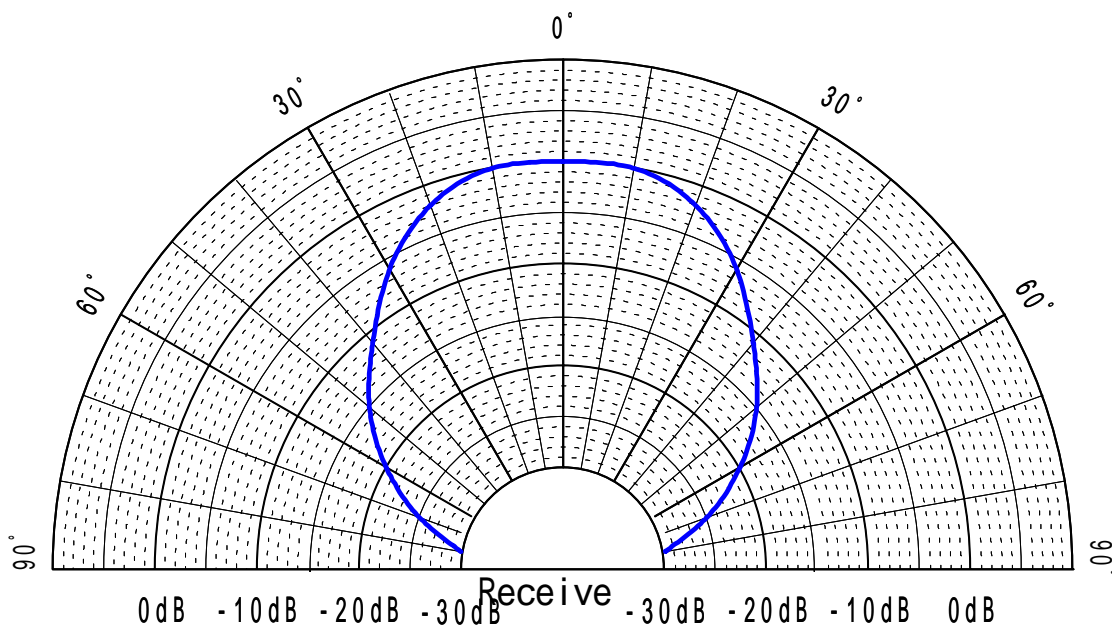
Reflective Sensitivity : 0dB=10Vop, Distance 30cm,  
Input Voltage 10Vop Pulse burst wave

## (2) Directivity

-6dB Full Angle :  $55^\circ$

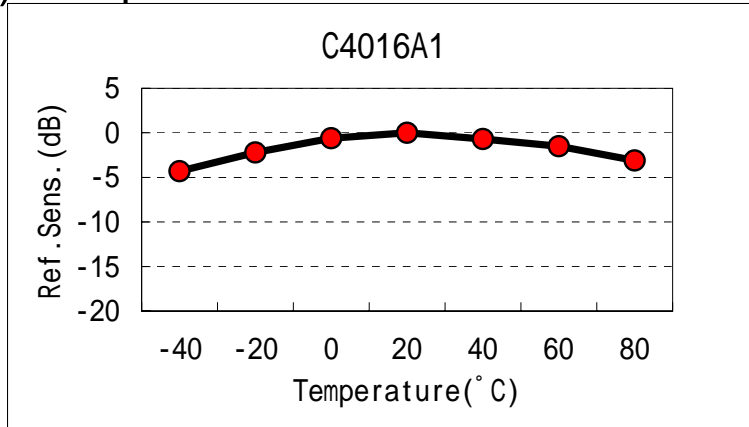


-6dB Full Angle :  $55^\circ$

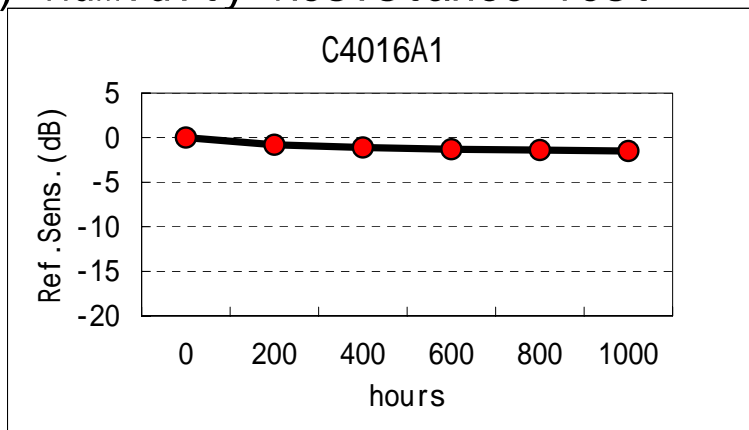


### (3) Environmental Characteristics

#### (a) Temperature Characteristics

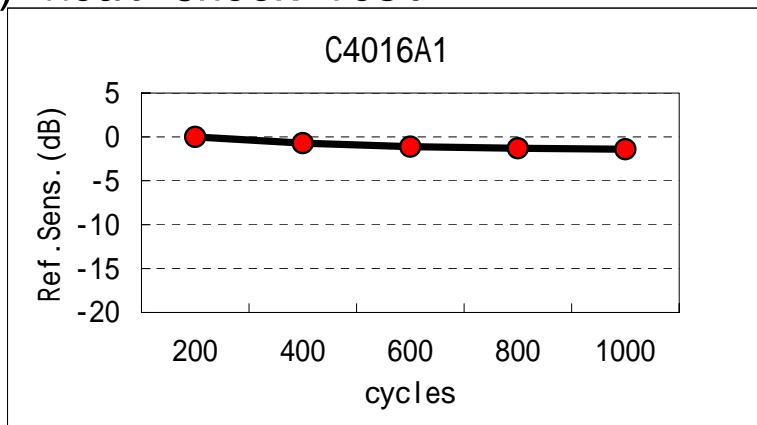


#### (b) Humidity Resistance Test



$40 \pm 2^\circ \text{C}$   
 90 ~ 95%RH  
 1000hours

#### (c) Heat Shock Test



With  $-30^\circ \text{C}$  (1hr)  
 and  $85^\circ \text{C}$  (1hr)  
 as one cycle.  
 1000cycles

## (4) Input Voltage/S.P.L. Characteristics

