

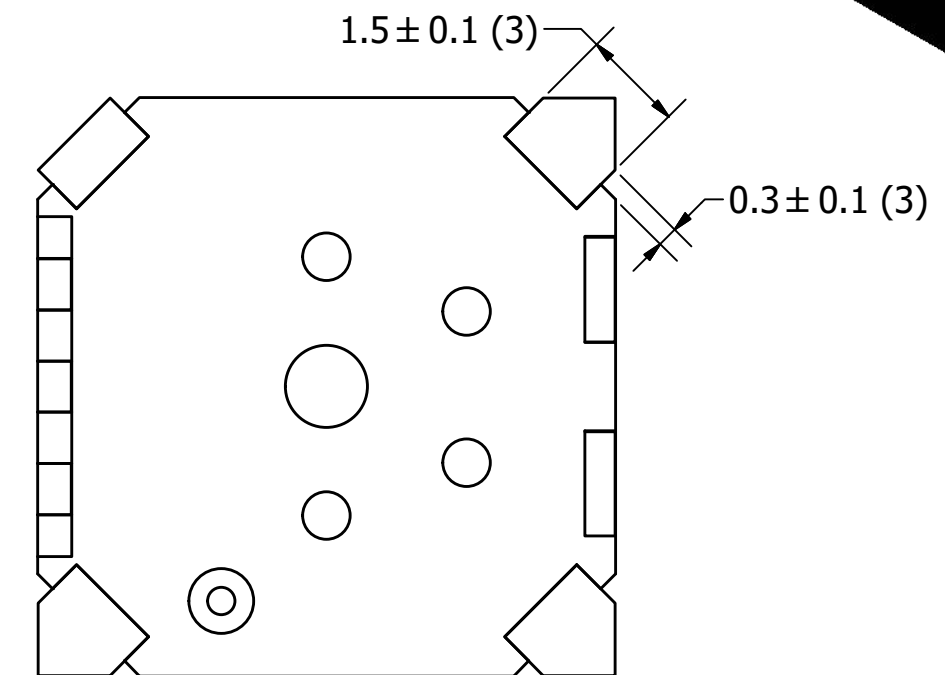
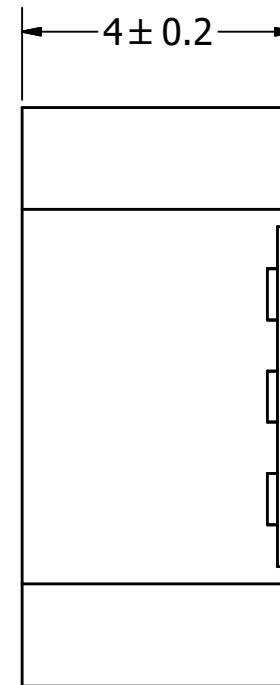
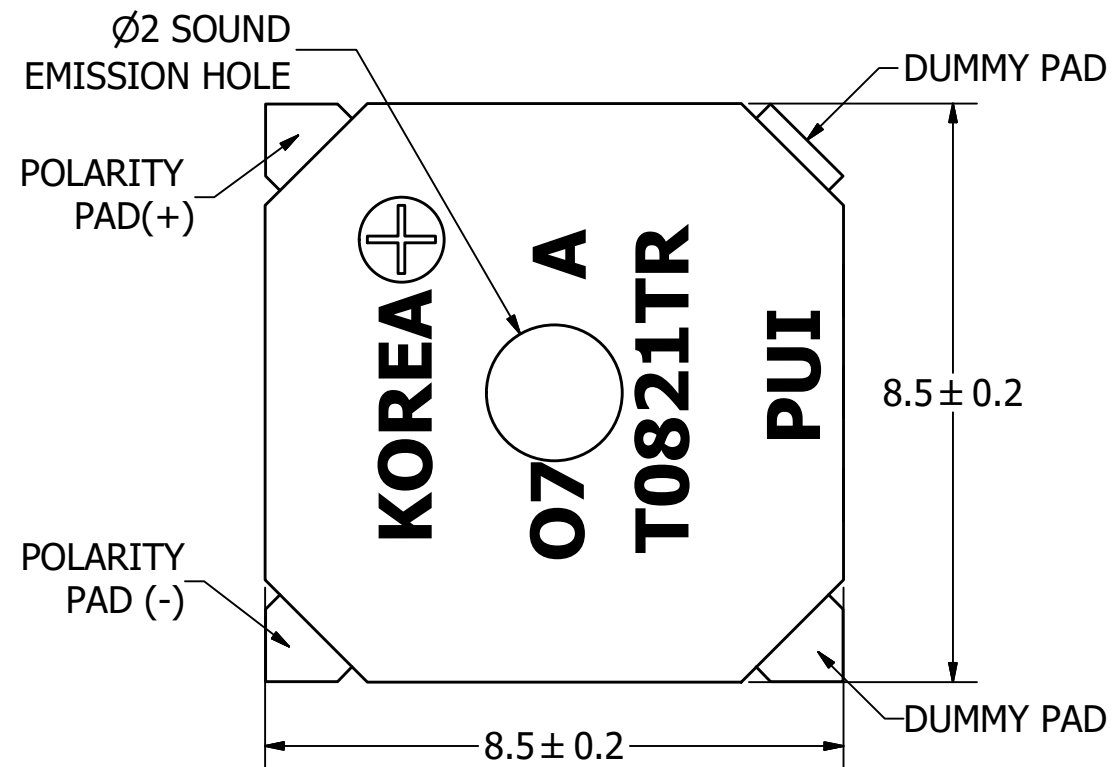
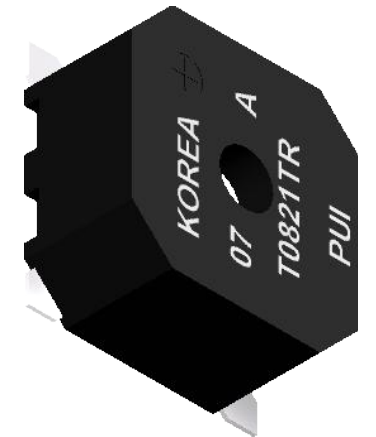
SPECIFICATIONS		
PARAMETERS	VALUES	UNITS
RATED VOLTAGE (SQUARE WAVE)	3.6	V0-p
OPERATING VOLTAGE RANGE	2 ~ 4.5	V0-p
RATED CURRENT (MAX)	90	mA
COIL RESISTANCE	16 ± 2.4	OHM
MINIMUM SPL @ 10 CM	87	dBA
RESONANT FREQUENCY	2,100 ± 500	Hz
OPERATING TEMPERATURE	-30 ~ +80	°C
STORAGE TEMPERATURE	-40 ~ +85	°C
HOUSING MATERIAL	LCP	-
TERMINAL MATERIAL	Sn PLATED PBS	-
WEIGHT	0.45	grams

B (3 : 1)



C

LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	9/16/2005	
A	REVISED LOWER HOUSING	10/8/2008	B.R.
B	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	10/26/2008	E.P.
C	REVISED VOLTAGE, TEMPERATURE, COIL IMPEDANCE, AND TERMINAL MATERIAL	2/28/2020	M.V.



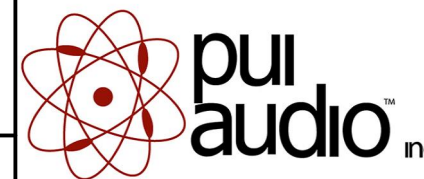
A cross-sectional diagram of the transducer assembly. It shows a central rectangular component labeled "BOTTOM OF TRANSDUCER" with a smaller rectangular feature on its top surface. To the left of this component is a trapezoidal structure labeled "PAD". Two vertical dimension lines, each labeled "0.1", indicate the height of the "PAD" structure. The entire assembly is shown in a cross-section, with a jagged line on the right side representing the outer boundary of the device.

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SPECIFICATIONS SUBJECT TO CHANGE OR WITHDRAWAL WITHOUT NOTICE.
3. THIS PART IS RoHS 2002/95/EC COMPLIANT.

SIZE
A3

SMT-0821-T-R.idw

Designed by	Date	Checked by	Date	Approved by	Date	Drawn Date
J.A.F.	9/16/2005	B.R.	9/16/2005	E.P.	9/16/2005	10/26/2008



SMT-0821-T-R

Transducer (Electro-Mech)

Edition	Sheet
—	1 / 1