

SPECIFICATIONS

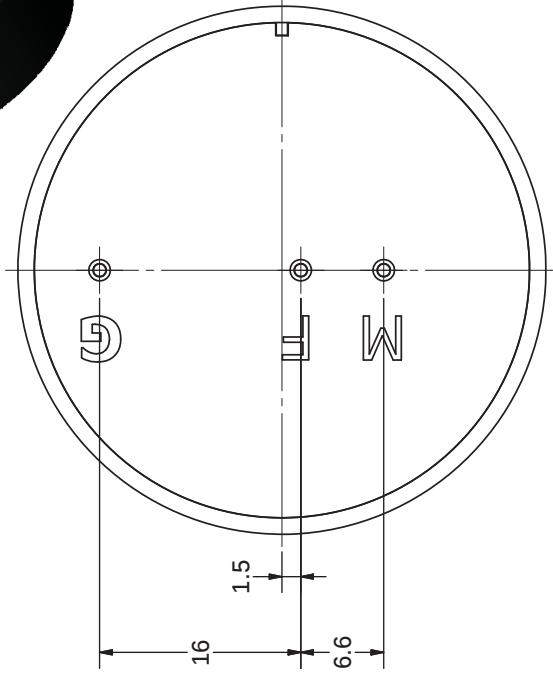
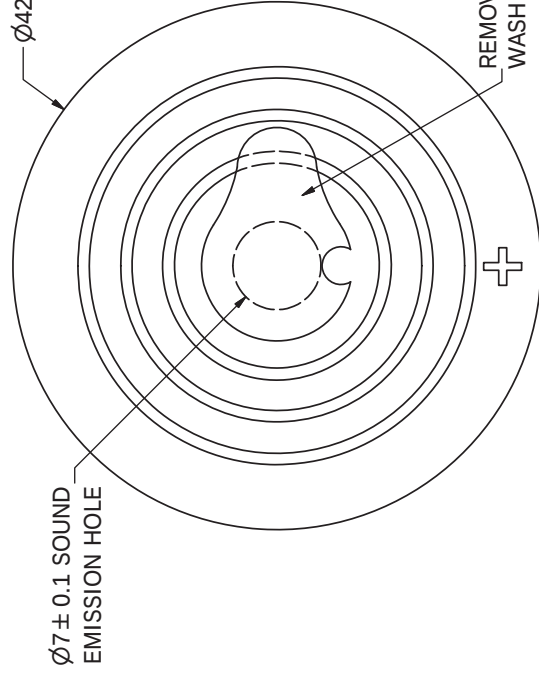
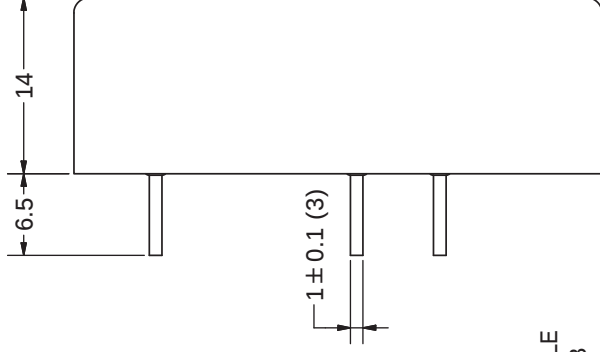
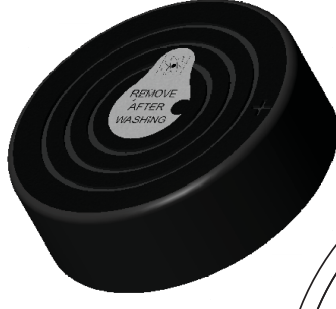
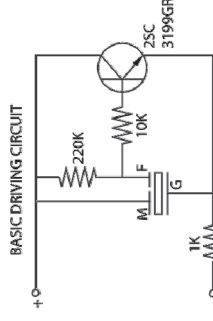
PARAMETERS	VALUES	UNITS
RATED VOLTAGE	12	Vp-p
OPERATING VOLTAGE RANGE	3 ~ 28	Vp-p
RATED CURRENT (MAX)	7	mA
CAPACITANCE	25,000 ± 30%	pF
MINIMUM SPL @ 10 CM	92	dBA
RESONANT FREQUENCY	2,800 ± 500	Hz
OPERATING TEMPERATURE	-30 ~ +85	°C
STORAGE TEMPERATURE	-40 ~ +95	°C
HOUSING MATERIAL	ABS	-
TERMINAL MATERIAL	AU PLATED PHOSPHOR BRONZE	-
WEIGHT	11.7	grams

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REVISION HISTORY

LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	9/12/2005	
A	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	9/5/2008	B.R.
B	ADDED DRIVE CIRCUIT	2/9/2012	C.W.



NOTES:

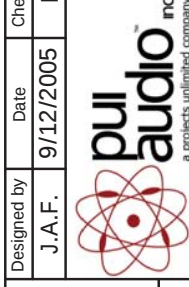
1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SPECIFICATIONS SUBJECT TO CHANGE OR WITHDRAWAL WITHOUT NOTICE.
3. THIS PART IS RoHS 2002/95/EC COMPLIANT.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS,
TOLERANCES ARE ±0.5 AND ANGLES ARE ±3°.

SIZE

A3

AT-4228-TWT-F-R.idw



AT-4228-TWT-F-R

Transducer (Piezo)

Sheet
Edition
1 / 1

Designed by
J.A.F.

Date
9/12/2005

Checked by
E.P.

Date
9/11/2005

Approved by
B.R.

Date
9/11/2005

Drawn Date
9/5/2008