

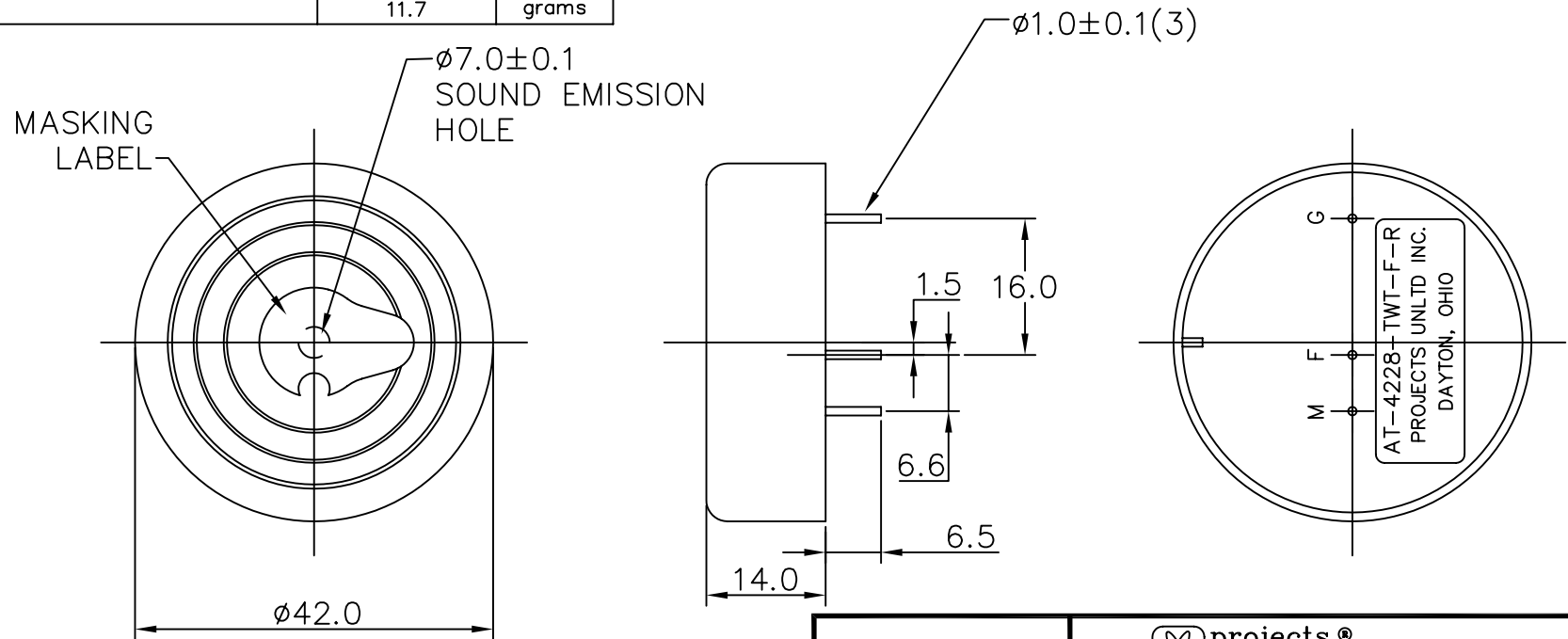
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## SPECIFICATIONS

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

## REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	9/12/05	



### NOTES:

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

FILE NAME  
AT-4228-TWT-F-R.DWG

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN  
MILLIMETERS, TOLERANCES ARE  $\pm 0.5$  AND  
ANGLES ARE  $\pm 3^\circ$ .

APPROVALS	DATE
DRAWN J.A.F.	9/05
CHECKED E.P.	9/05
APPROVED B.R.	9/05
DO NOT SCALE DRAWING	



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Dayton , Ohio

TRANSDUCER (PIEZO)

SIZE A DRAWING NO. AT-4228-TWT-F-R

SCALE: N.T.S.

SHEET 1 OF 1