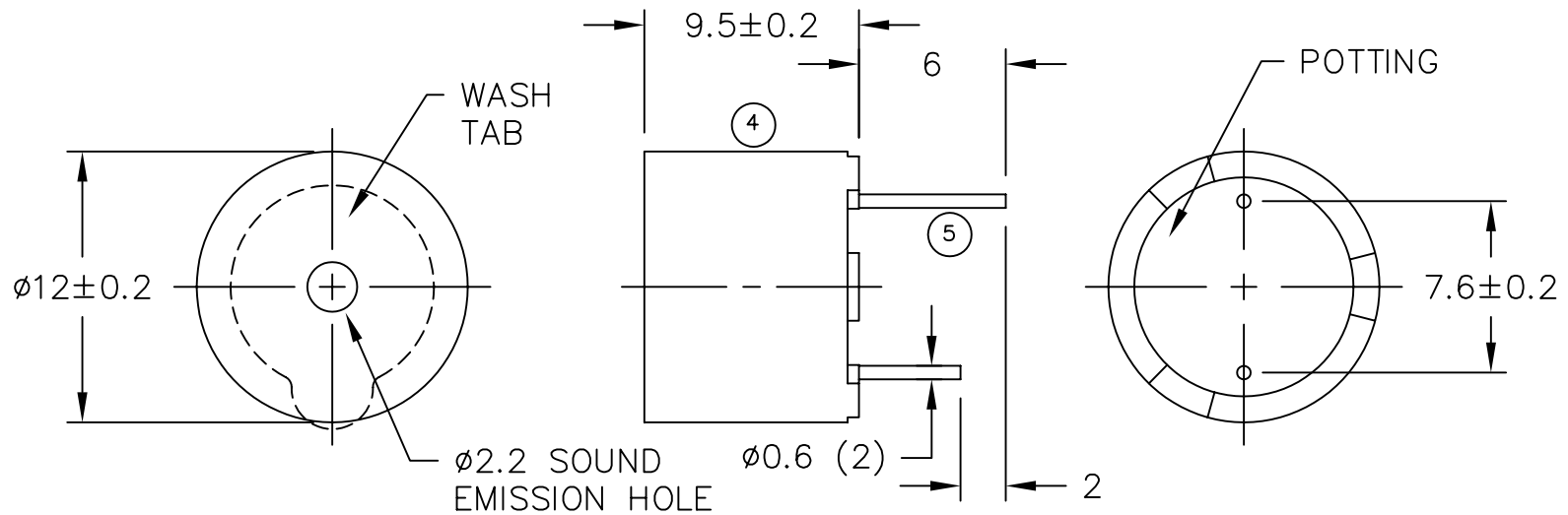


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SPECIFICATIONS

PARAMETERS	VALUES	UNITS
RATED VOLTAGE	12	Vdc
OPERATING VOLTAGE RANGE	8 ~ 16	Vdc
RATED CURRENT (MAX)	30	mA
MINIMUM SPL @ 10 cm.	85	dBA
RESONANT FREQUENCY	2,300±400	Hz
tone OR PULSE RATE	CONTINUOUS	0 PULSE PER SECOND
OPERATING TEMPERATURE	-20 ~ +70	°C
STORAGE TEMPERATURE	-30 ~ +80	°C
HOUSING MATERIAL	NORYL	-
TERMINAL MATERIAL	TIN-PLATED RED COPPER	-
WEIGHT	2	grams


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	6/10/04	
A	REMOVED LEAD FREE NOTE ADDED RoHS	8/05/05	B.R.
B	REVISED DIMENSION SIZE AND STYLE	11/28/05	B.R.



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.
4. PART INFORMATION IS ON THE SAME SIDE AS THE POSITIVE LEAD.
5. POSITIVE LEAD IS LONGER LEAD.

FILE NAME
AI-1223-TWT-12V-R.DWG

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS, TOLERANCES ARE ± 0.5 AND ANGLES ARE $\pm 3^\circ$.		 projects® unlimited Dayton, Ohio	
APPROVALS		DATE	
DRAWN <i>R.A.C.</i>		8/04	
APPROVED <i>R.W.</i>		8/04	
SIZE A	DRAWING NO. AI-1223-TWT-12V-R		
DO NOT SCALE DRAWING		SCALE: N.T.S.	SHEET 1 OF 1