

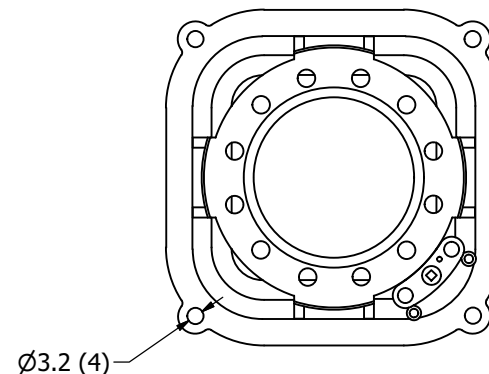
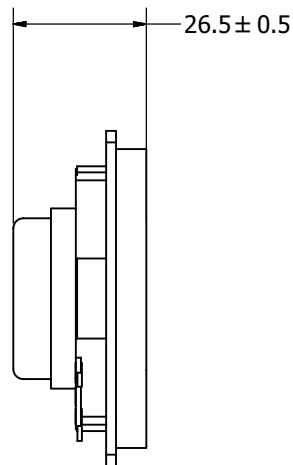
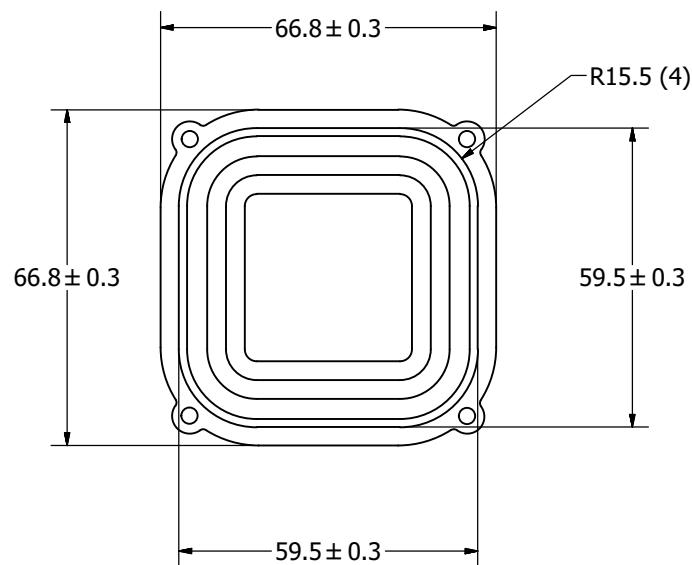
SPECIFICATIONS

PARAMETERS	VALUES	UNITS
RATED INPUT POWER	10	W
MAX INPUT POWER	15	W
IMPEDANCE	8± 15%	OHM
OUTPUT SPL @ 1W/0.1M (AT 110, 1,000, and 6,000 Hz)	99± 3	dBa
RESONANT FREQUENCY	160± 20%	Hz
FREQUENCY RANGE	Fo~ 18,000	Hz
HOUSING MATERIAL	ABS	-
CONE MATERIAL	PAPER	-
MAGNET MATERIAL	NdFeB	-
OPERATING TEMPERATURE	-20~ +60	°C
WEIGHT	85	grams

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REVISION HISTORY			
TR	DESCRIPTION	DATE	APPROVED

LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	5/19/2016	



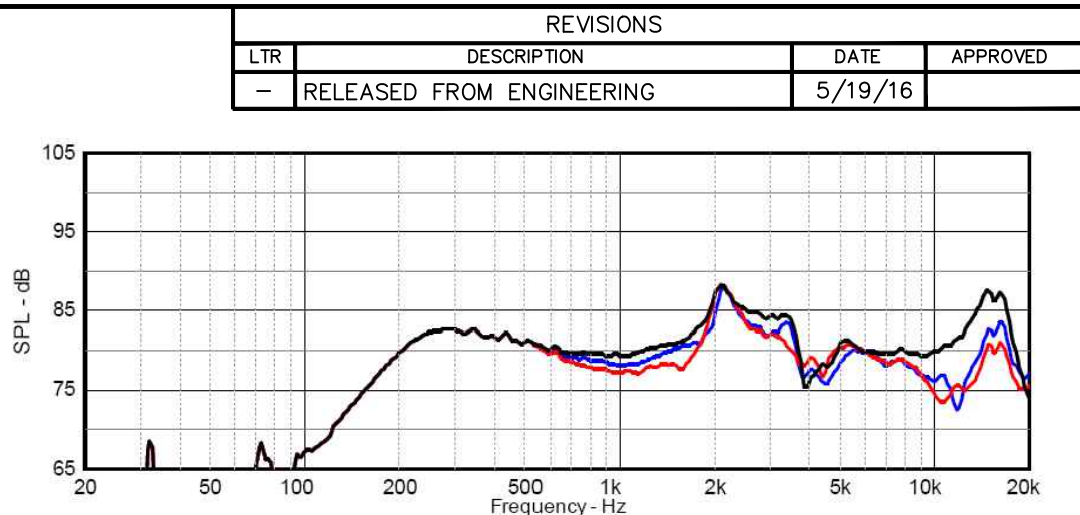
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		M.V.	5/19/2016	M.V.	5/19/2016	B.R.	5/19/2016	5/19/2016	
	A3	 pui audio inc a projects unlimited company			AS06008PS-R				
					Speaker				
AS06008PS-R.idw							-	1 / 1	

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THIELE/SMALL PARAMETERS

PARAMETERS	VALUES
DC RESISTANCE (Re)	8.65 OHMS
INDUCTANCE (Le) @ 1kHz	0.36 mH
MAXIMUM IMPEDANCE (Zm)	24.7 OHMS
MECHANICAL Q FACTOR (Qms)	3.35
ELECTRICAL Q FACTOR (Qes)	1.80
TOTAL Q FACTOR (Qts)	1.17
EQUIVALENT AIR VOLUME (Vas)	0.06 LITERS
VOICE COIL DIAMETER	25.4 mm
XMAX ((VOICE COIL HEIGHT - GAP)/2)	EVEN HUNG
XMECH (MAXIMUM EXCURSION BEFORE DAMAGE)	4 mm
RECOMMENDED SEALED ENCLOSURE VOLUME RANGE	0.1~0.6 LITERS
RECOMMENDED PORTED VOLUME AND TUNING FREQUENCY FOR FLAT RESPONSE AND LOWEST FREQUENCY EXTENSION	0.7L, 130 Hz (-3 dB) 110 Hz



Black is on-axis Blue is 45° off-axis Red is 90° off-axis

- Unique design produces superior off-axis response for great coverage
- Even-hung motor design with high-energy magnet reduces distortion
- Flat design for an overall height that is less than 26mm
- Dual spiders for extreme power handling

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