

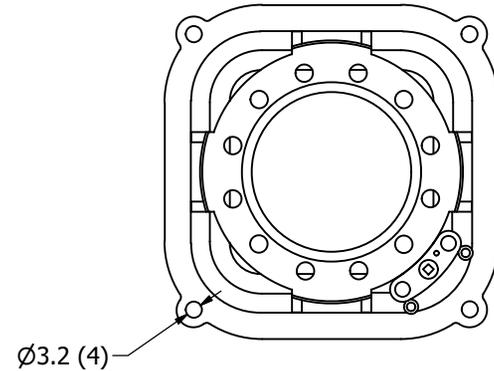
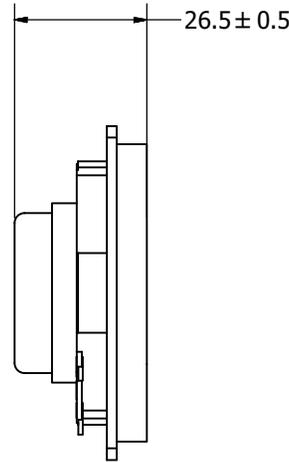
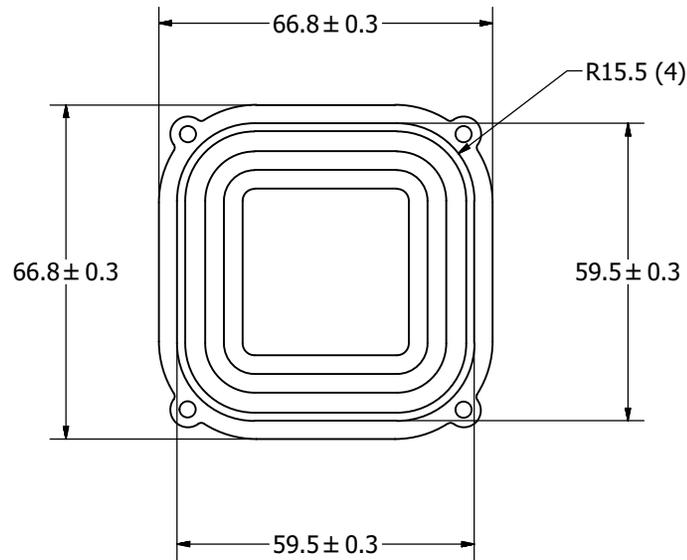
# SPECIFICATIONS

PARAMETERS	VALUES	UNITS
RATED INPUT POWER	10	W
MAX INPUT POWER	15	W
IMPEDANCE	4± 15%	OHM
OUTPUT SPL @ 1W/0.1M (AT 110, 1,000, and 6,000 Hz)	99± 3	dB
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

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



### NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SPECIFICATIONS SUBJECT TO CHANGE OR WITHDRAWAL WITHOUT NOTICE.
3. THIS PART IS RoHS 2011/65/EU COMPLIANT.

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		M.V.	5/19/2016	M.V.	5/19/2016	B.R.	5/19/2016	5/19/2016
AS06004PS-R.idw		 <b>pui audio</b> a projects unlimited company		<b>AS06004PS-R</b> Speaker			Edition	Sheet
							-	1 / 1

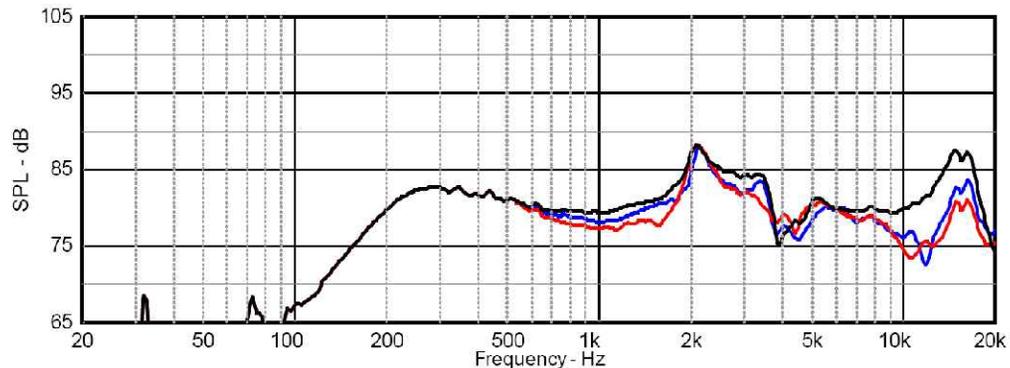
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### THIELE/SMALL PARAMETERS

PARAMETERS	VALUES
DC RESISTANCE (Re)	4.44 OHMS
INDUCTANCE (Le) @ 1kHz	0.18 mH
MAXIMUM IMPEDANCE (Zm)	17.7 OHMS
MECHANICAL Q FACTOR (Qms)	4.43
ELECTRICAL Q FACTOR (Qes)	1.49
TOTAL Q FACTOR (Qts)	1.11
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	0.1~1 LITERS
RECOMMENDED PORTED VOLUME AND TUNING FREQUENCY FOR FLAT RESPONSE AND LOWEST FREQUENCY EXTENSION	0.9L, 90 Hz (-3 dB) 75 Hz



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	5/19/16	



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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APPROVALS	DATE			SPEAKER
DRAWN	M. V.	5/16	DRAWING NO. AS06004PS-R TS PARAMETERS	
CHECKED	M. V.	5/16		
APPROVED	B. R.	5/16		
SCALE: N.T.S.		SHEET 1 OF 1		

# Mouser Electronics

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