



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



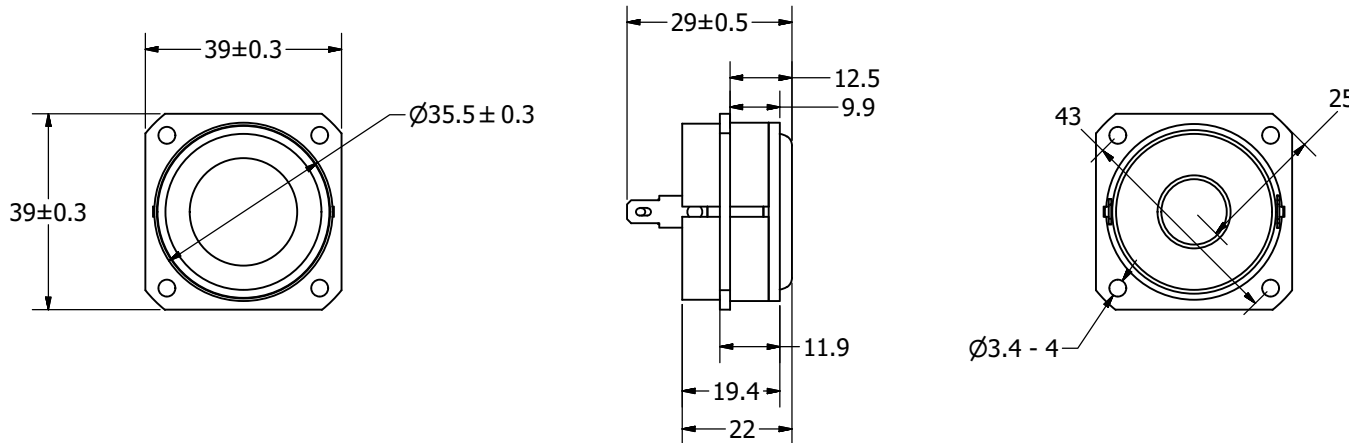
SPECIFICATIONS

PARAMETERS	VALUES	UNITS
RATED INPUT POWER	5	W
MAX INPUT POWER	8	W
IMPEDANCE	8 ± 15%	OHM
OUTPUT SPL @ 1W/0.5M (AT 0.6, 0.8, 1.0, 1.2 kHz)	78 ± 3	dBA
DISTORTION (MAX. @ 1W/1 kHz)	5%	-
RESONANT FREQUENCY	250 ± 20%	Hz
FREQUENCY RANGE	130 ~ 20,000	Hz
HOUSING MATERIAL	ABS	-
CONE MATERIAL	ALUMINUM	-
MAGNET MATERIAL	NdFeB	-
OPERATING TEMPERATURE	-25 ~ +60	°C
WEIGHT	48.5	grams

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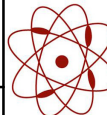
REVISION HISTORY

LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	2/19/16	



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.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS, TOLERANCES ARE ± 0.5 AND ANGLES ARE $\pm 3^\circ$.	SIZE A3	Designed by	Date	Checked by	Date	Approved by	Date	Drawn Date	
		M.V.	4/22/2016	M.V.	4/22/2016	B.R.	4/22/2016	4/22/2016	
AS03908AS-R.idw		 pui audio a projects unlimited company				AS03908AS-R Speaker		Edition -	Sheet 1 / 1

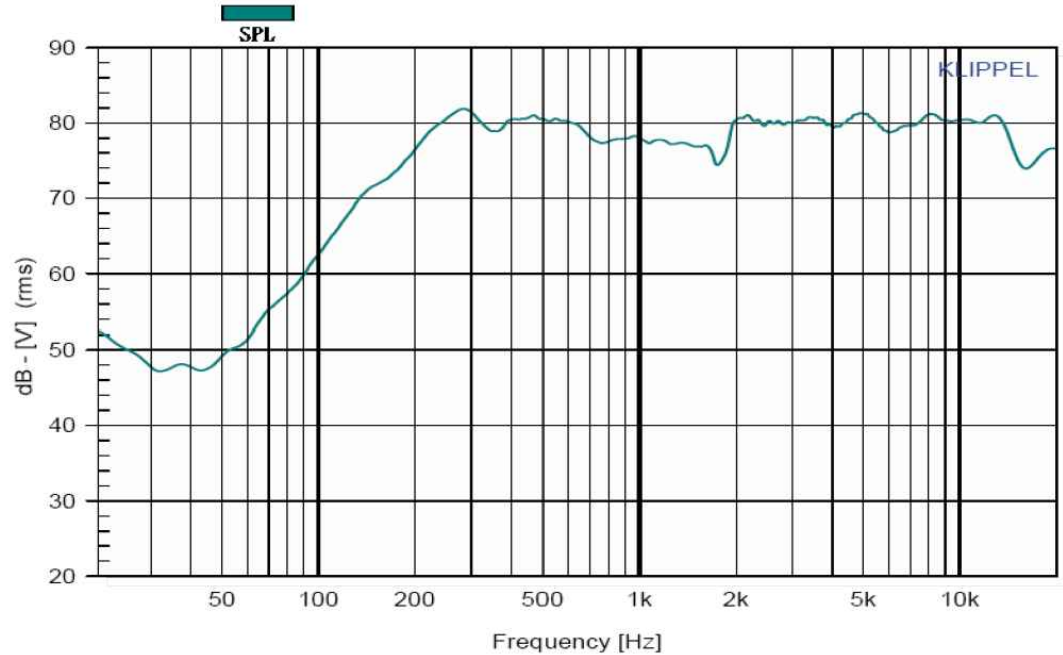
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THIELE/SMALL PARAMETERS


PARAMETERS	VALUES
DC RESISTANCE (Re)	8 OHMS
INDUCTANCE (Le) @ 1kHz	0.27
MAXIMUM IMPEDANCE (Zm)	18 OHMS
MECHANICAL Q FACTOR (Qms)	2.77
ELECTRICAL Q FACTOR (Qes)	2.13
TOTAL Q FACTOR (Qts)	1.2
EQUIVALENT AIR VOLUME (Vas)	0.035 LITERS
VOICE COIL DIAMETER	20 mm
XMAX ((VOICE COIL HEIGHT - GAP)/2)	4.5 MM UNDERHUNG
XMECH (MAXIMUM EXCURSION BEFORE DAMAGE)	6 MM
RECOMMENDED SEALED ENCLOSURE VOLUME RANGE	0.05~1.5 LITERS
RECOMMENDED PORTED VOLUME AND TUNING FREQUENCY	0.5L, 100 Hz (-3 dB) 95 Hz



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	5/12/16	



- Full range speaker designed using next-gen techniques for unsurpassed low distortion
- Completely open motor with mesh-covered rear vent for minimized reflections and improved heat dissipation
- Aluminum concave diaphragm and ported aluminum former
- High-energy neodymium magnet completely saturates the underhung voice coil for superior transient response
- Huge 20mm voice coil and dual surrounds for high power handling

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APPROVALS	DATE		
DRAWN	M. V.	5/16	DRAWING NO. AS03908A-R TS PARAMETERS
CHECKED	M. V.	5/16	
APPROVED	B. R.	5/16	SIZE: A SCALE: N.T.S.
			SHEET 1 OF 1