

## C030AM-04-710

Tweeter

DOMES MATERIAL: Ceramic  
APPLICATION: TWEETER  
NOMINAL DIAMETER: 30 mm  
SENSITIVITY: 92.5 dB  
FREQUENCY: 2 kHz – 25 kHz

### MAIN FEATURES:

AUTOMOTIVE APPROVED FOR  
HUMIDITY / TEMPERATURE / VIBRATION

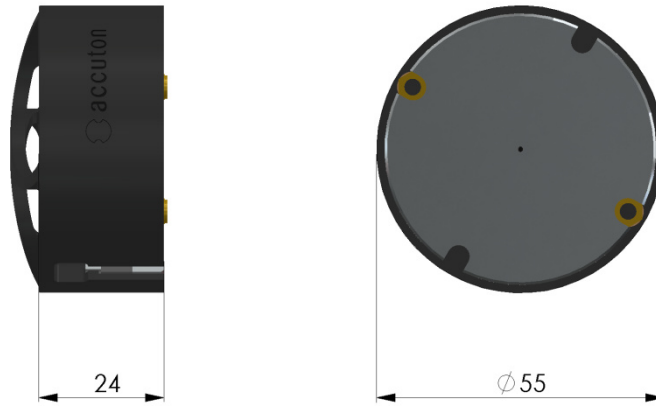
HIGH FLUX NEO UNDERHUNG MOTOR

NO FERROFLUID FILLING

2 kHz – 25 kHz



accuton®  
automotive by Thiel & Partner



## --- Preliminary Datasheet ---

The **C030 – 04 – 710** is a 1.2 inch tweeter with **ceramic dome** suitable for automotive aftermarket applications.

Various **mounting options** support smart and easy integration.

**Chromium plated** magnet parts for long-life durability.

Minimized over all outer diameter for a **maximized ratio** of the active membrane surface.

**Audiophile performance** due to a motor design with minimal distortion artifacts.

Approval according to **automotive standards**.

Motor system with **a large linear range** for optimized DSP system support.

### MECHANICAL DATA

OVERALL DIAMETER	55	mm
CUTOUT DIAMETER	55.5	mm
MIN. FRONTPLATE THICKNESS	6	mm
OVERALL DEPTH	24	mm
MOTOR ASSEMBLY DIAMETER	--	mm
MOTOR ASSEMBLY DEPTH	--	mm
SCREW FITTING	2 x DIN 7984, 4mm @ Ø47.5 mm	
TERMINAL	2 x M3 thread	mm
SHIPPING WEIGHT (PAIR)		kg
SHIPPING BOX SIZE (PAIR)		mm

### THIELE / SMALL PARAMETERS

SENSITIVITY (2.83 V / 1 M)	LP	92.5	dB
DC-RESISTANCE	RE	4	Ω
RESONANCE FREQUENCY	FS	750	Hz
EQUIVALENT VOLUME OF AIR	VAS	--	LTR
MECHANICAL Q	QMS	4.5	
ELECTRICAL Q	QES	0.6	
TOTAL Q	QTS	0.55	
EFFECTIVE PISTON AREA	SD	7.1	cm <sup>2</sup>
MOVING MASS	MMS	0.4	g
SUSPENSION COMPLIANCE	CMS	0.11	mm/N
MECHANICAL RESISTANCE	RMS	0.4	kg s

### VOICE COIL PARAMETERS

POWER HANDLING	P	120	W
LINEAR EXCURSION	XMAX	±0.8	mm
VOICE COIL DIAMETER	--		mm
VOICE COIL FORMER MATERIAL	TI		
VOICE COIL MATERIAL	CU		
VOICE COIL INDUCTANCE	LE	0.03	mH
FORCE FACTOR	BL	3.5	N/A
MOTOR TYPE		Underhung	
FERROFLUID FILLING		NO	

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