TSCT 1104

Titanium Supreme Coppersleeve Tweeter

Ø 110 mm, 4Ω

Preliminary Data

SPECIFICATIONS

General Data

Overall Dimensions	**DxH**	110mm x 39mm(4" x 1.33")
Nominal Power Handling (DIN)	**P**	200 Watt
Transient Power 10ms		
Sensitivity 2.83V/1M		95 dB SPL
Frequency Response		See graph
Dome Material		Acuflex™ coated silk dome
Net Weight	**Kg**	0.5

Electrical Data

Nominal Impedance	**Z**	4Ω
DC Resistance	**Re**	4.19Ω
Voice Coil Inductance @ 1KHz	**LBM**	0.047mH

Voice Coil and Magnet Parameters

Voice Coil Diameter	**DIA**	28mm
Voice Coil Height		2mm
HE Magnetic Gap Height	**HE**	4mm
Max. Linear Excursion	**X**	± 1mm
Voice Coil Former		Titanium
Voice Coil Wire		Hexatech™ 100% Aluminum
Number Of Layers		2
Magnet System Type		Neodymium Vented
B Flux Density	**B**	
BL Product	**BXL**	

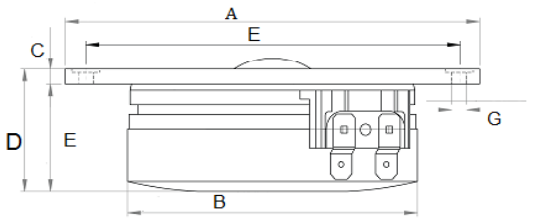
T-S Parameters

		Small Signal	1 volts
Suspension Compliance	**Cms**		
Mechanical Q Factor	**Qms**	2.44	2.41
Electrical Q Factor	**Qes**	0.55	0.53
Total Q Factor	**Qts**	0.44	0.43
Mechanical Resistance	**Rms**		3.37 ΩM
Moving Mass	**Mms**		
Eq. Cas Air Load (liters)	**VAS**		
Resonant Frequency	**Fs**	591 Hz	573 Hz
Effective Piston Area	**SD**		6.00 cm^2

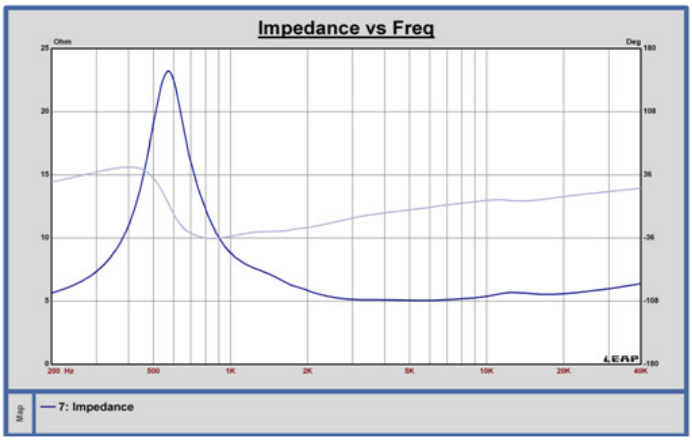
FEATURES

- Underhung voice coil
- 2.1" Large Hexatech™ Aluminum voice coil
- Neodymium flat pancake magnet
- High power handling
- 110 mm IDR™ Improved Dispersion Recess
- Titanium VC Former
- Replaceable Acuflex™ dome/coil assembly
- Aluminum die-cast rear chamber

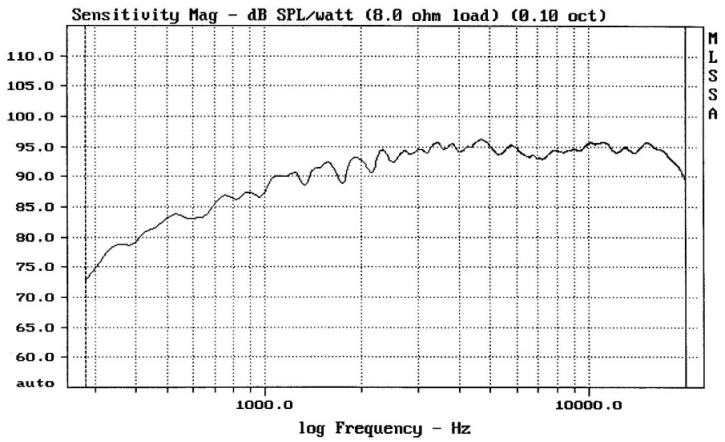
UNIT DIMENSIONS



A - Overall diameter	110mm
B - Cut out diameter	72.8mm
C - Flange thickness	4.2mm
D - Overall height	33.8mm
E - Basket depth	29.6mm
F - Mounting holes location diameter	94mm
G - 6 Mounting holes, at 60º interval, inner hole diameter	Ø 3.7 mm



Driver is mounted rigidly in free air with no baffle or enclosure. Input signal is a stepped sinusoidal at 1VRMS. Impedance is measured using constant-voltage method. No smoothing was applied.



Driver was mounted rigidly on an IEC baffle. Microphone distance is 0.5m, input voltage 2.83VRMS and normalized to 1m. 1/12 octave smoothing was applied.

*Morel operates a policy of continuous product design improvement, consequently specifications are subject to alteration without prior notice.