



Loudspeaker Ø28 mm with rear pad、 wire &Connector

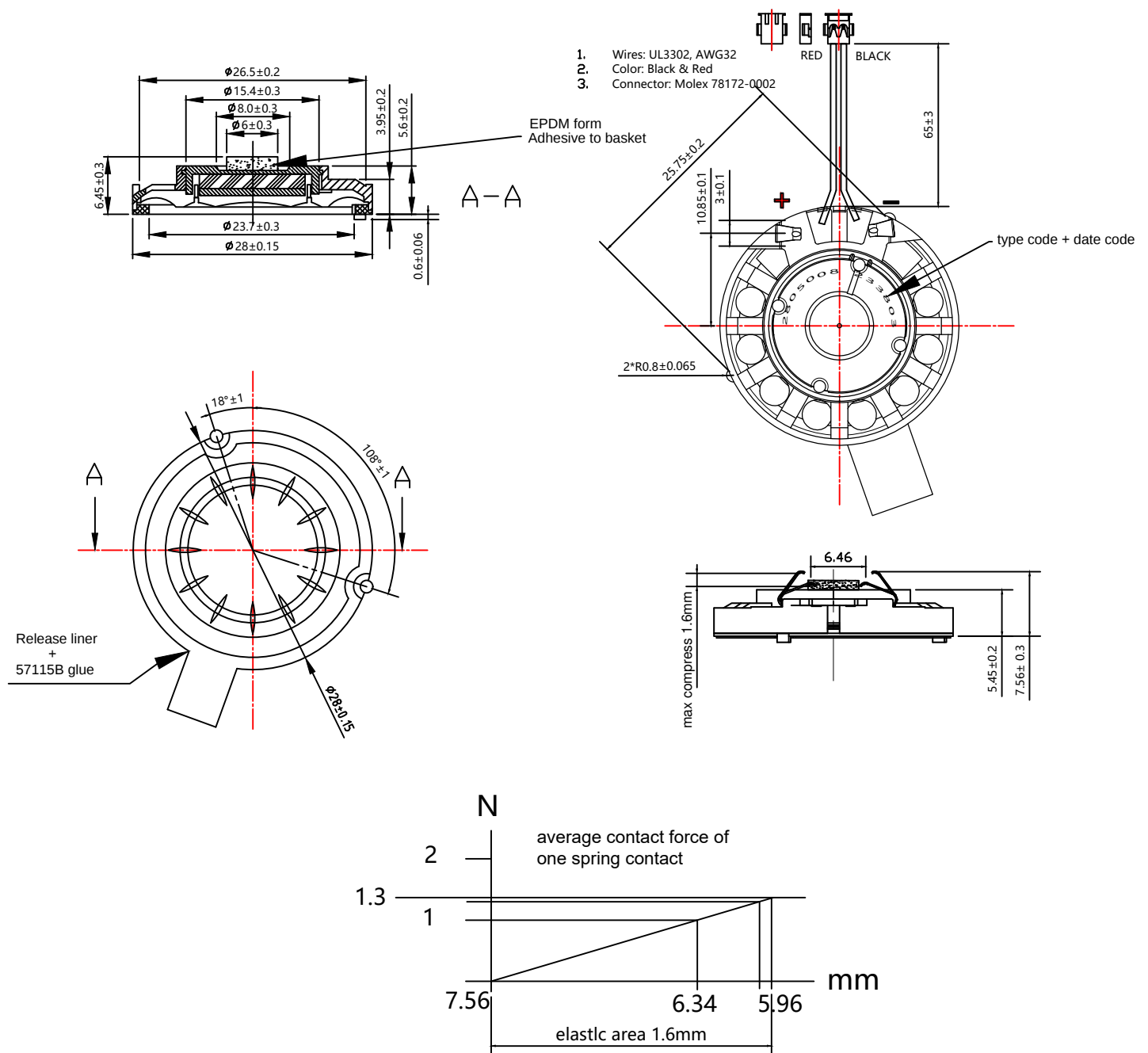
CC28C05YN8WPDAP

Revision

Date	Version	Status	Changes	Approver
2023/11/10	A	Released	First release	JL

1. Mechanical Characteristics

1.1. Mechanical Drawing



1.2. Part Marking/Labeling

TBD

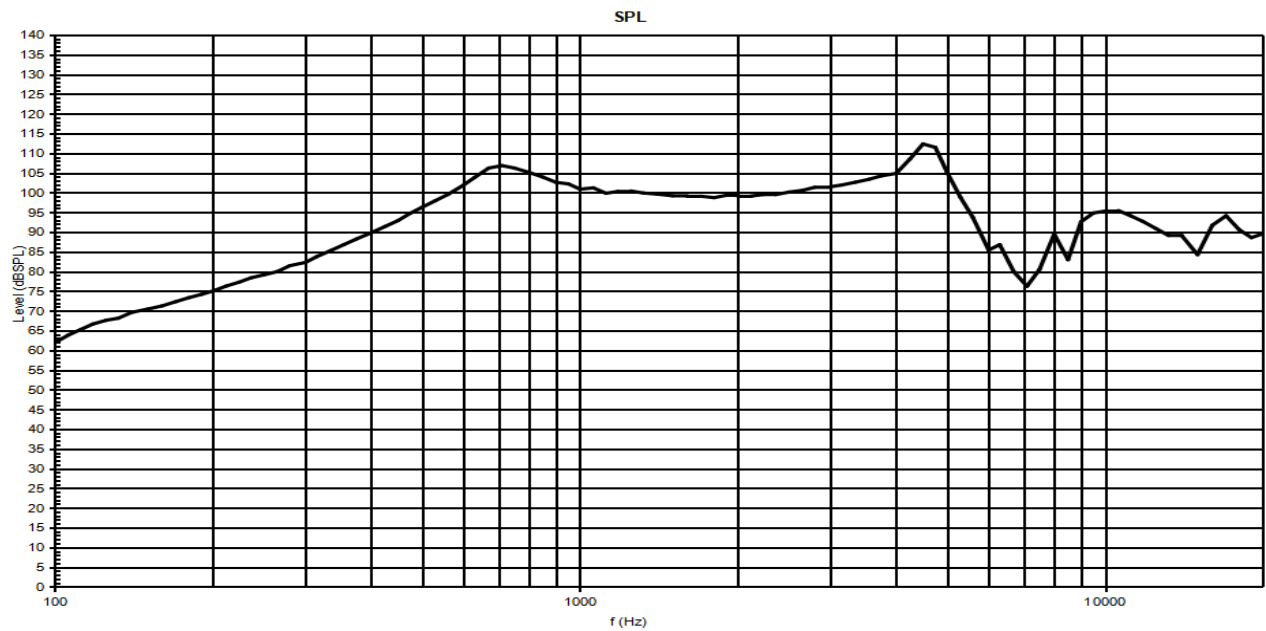
1.3. Material List

Basket	ABS
Spring contacts	Copper alloy, selective gold plating and selective tin plating over nickel underplating
Membrane	Polyetherimide (PEI)
Voice coil wire	Copper alloy
Magnet	Nd Fe B
Pot and pole plate	Soft magnetic iron
Damper foil	PC Compound
Gasket	PC ring
Connection	Spring contact, parallel to PCB
Gasket	PC
Double-sided adhesive pad	57115B
Mass of speaker (g)	4,9

2. Electrical and Acoustic Specifications

2.1. Frequency response

Test condition: 0.5W/0.1M



2.2. Electro-Acoustic Parameters acc. IEC268-5

2.2.1. Loudspeaker unmounted

1. RATED IMPEDANCE	Z:	8Ω
2. RESONANCE FREQUENCY	f ₀ :	700Hz±20%

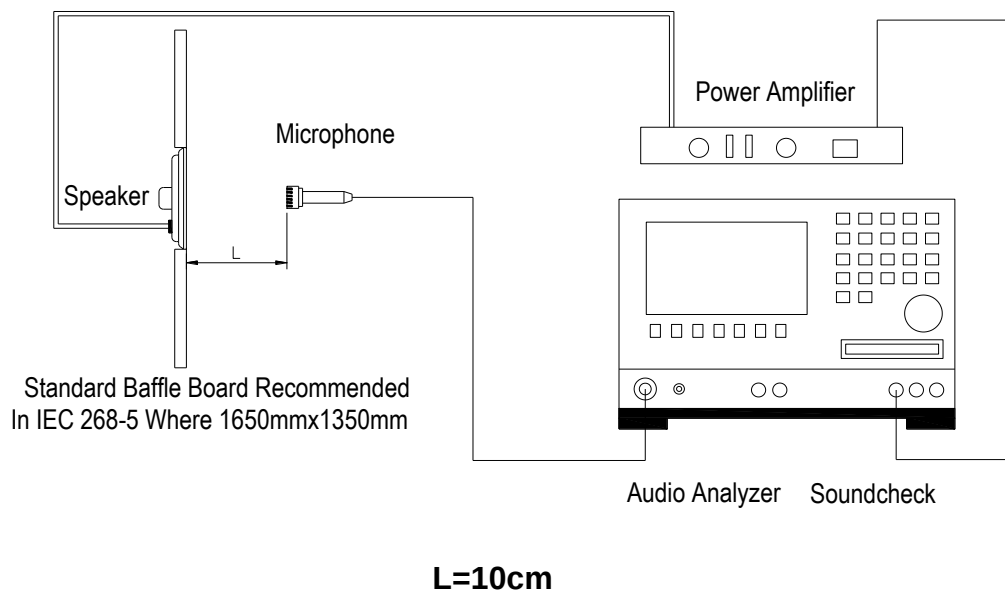
2.2.2. Loudspeaker mounted in baffle

1. CHARACT. SENSITIVITY	100±3dB
AT 500mW IN DISTANCE d=0.1m	
IN THE FREQUENCY RANGE	500Hz – 2 kHz
2. THD	≤15%(500mW; 700Hz-3kHz)
3. MAX. SHORT TERM POWER	1 W (IEC)
4. MAX. NOISE POWER(PHC)	0.5W (IEC)
(CONTINUOUS)	

Frequency range in telecom application: F0 - 6 kHz

2.3. Measurement Setup

Standard test condition of speaker



3. Environmental conditions

Generally the function is guaranteed in a temperature range of -40°C to +85°C.

Transportation and storage in this same range does not cause remaining changes on the transducer.

4. Packaging

Transducers per tray	48
Transducers per box	672
Box size (in cm)	42 x 32 x 35
Max. boxes per pallet	14
Transducer mass	4.9g
Net weight / box	3.55kg
Gross weight / box	6.55kg