TOA

CEILING MOUNT SPEAKER

PC-2852

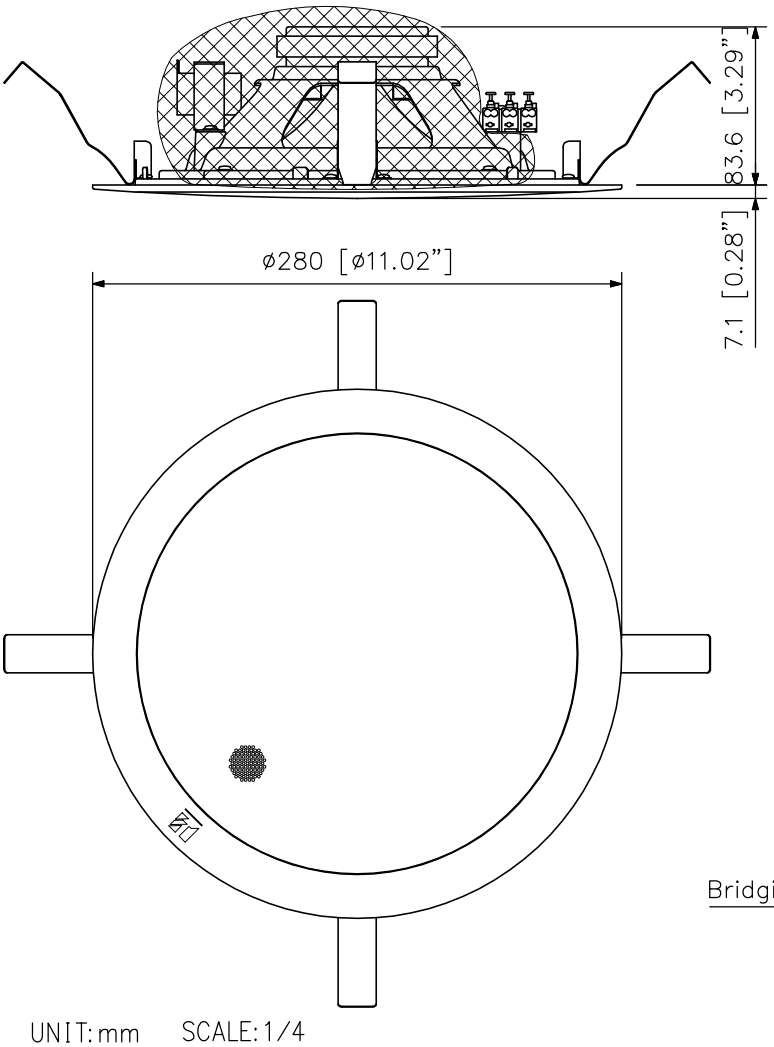
■DESCRIPTION

Integrated with a speaker unit and panel, the PC-2852 Ceiling Mount Speaker is of all metallic construction and ideal for use in a voice alarm system. It feature spring clamp mechanism for easy speaker mounting to the ceiling. The input impedance can be easily changed by changing the tap position of the transformer. The push-in type input terminal block makes cable connections easy and allows bridge wiring.

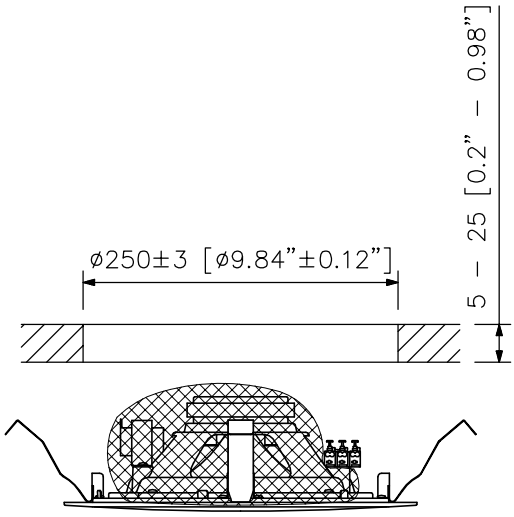
■SPECIFICATIONS

Rated Input	15 W (100 V, 70 V line)
Rated Impedance	100 V line: 670 Ω (15 W), 1 kΩ (10 W), 2 kΩ (5 W), 3.3 kΩ (3 W) 70 V line: 330 Ω (15 W), 670 Ω (7.5 W), 1 kΩ (5 W), 2 kΩ (2.5 W), 3.3 kΩ (1.5 W)
Sensitivity	96 dB (1 W, 1 m) (500 – 5,000 Hz, pink noise)
Frequency Response	45 – 20,000 Hz (peak –20 dB)
Speaker Component	20 cm (8") coaxial cone-type
Dimensions for Fixing Hole	Mounting hole: ø250±3 mm (ø9.84"±0.12") Ceiling thickness: 5 – 25 mm (0.2" – 0.98")
Speaker Mounting Method	Spring clamp
Applicable Cable	600 V vinyl-insulated cable (IV wire or HIV wire) Solid copper wire: ø0.8 – ø1.6 mm (equivalent to AWG 20 – 14) 7-core twisted copper wire: 0.75 – 1.25 mm² (equivalent to AWG 18 – 16)
Connection	Push-in connector (bridging terminal-2 branch type
Finish	Baffle: Steel plate, off-white (RAL 9010 or equivalent color), paint Grille: Surface-treated steel plate net, off-white (RAL 9010 or equivalent color), paint
Dimensions	ø280 × 92 (D) mm (ø11.02" × 3.62")
Weight	1.6 kg (3.53 lb)
Accessory	Paper pattern ···1

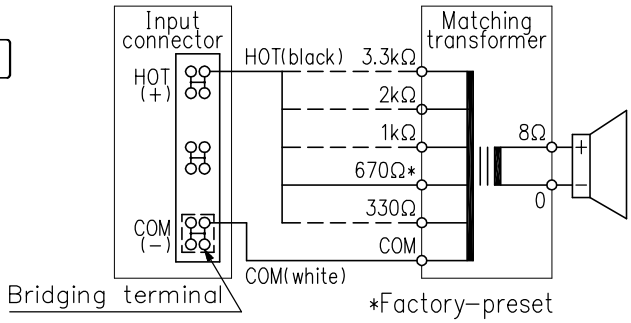
■APPEARANCE



UNIT: mm SCALE: 1/4



Mounting Diagram
(scale: 1/6)



Note: Never connect to the 330 Ω tap in a 100 V line system.

Wiring Diagram

TOA Corporation

DWG No: GPC02RA1