

## NEW SPECIALIZED SPEAKER LINE



**1**



### AUTOMATION INNOVATION

The CS28-00W50-05-3 speaker is assembled with fully automatic production for large volumes, high reliability, and cost savings in a superior performing 5.0 mm high form factor.

**2**



### WATER INNOVATION

The CS28-00W50-06-4X provides a fully designed IP67 certified assembly. All features, mounting included, are designed waterproof for a 5.0 mm high drop-in unit with a flat frequency response.

**3**



### LOUDNESS INNOVATION

The CS28-02W190-05-1X has a built-in acoustic chamber that boosts the output to 109 dB SPL, 3-6 dB more than ordinary speakers of this size.

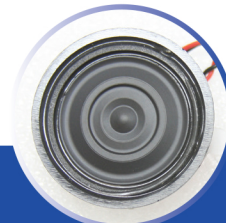
**4**



### DUAL INNOVATION

With a low resonant frequency and perfectly flat frequency response, the CS29-03D25-11-1 is optimized for both music and voice. In addition, the unique mounting wings provide poka-yoke locating characteristics for a simpler installation.

**5**



### VOCAL INNOVATION

The CS32-01W130-10-1X delivers SPL levels of ~106 dB throughout the vocal range. With the enclosure built-in, this assembly is a complete solution with a small footprint.





PART NUMBER	DIMENSIONS (MM)	RATED POWER (W)	FREQUENCY RANGE (HZ)	SPL AT RATED POWER (DB)	IP CAPABLE
<b>CS28-00W50-05-3</b>	28.0x5.0	0.5	300 to 6,000	96	YES
<b>CS28-00W50-06-4X</b>	28.0x5.0	0.5	300 to 6,000	96	IP67 Front Face
<b>CS28-02W190-05-1X</b>	28.0x5.6	2.0	1,900 to 7,000	109	IP67
<b>CS29-03D25-11-1</b>	29.6x11.0	3.0	250 to 15,000	103	NO
<b>CS32-01W130-10-1X</b>	32.4x10.1	1.5	1,300 to 7,000	103	IP67



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