

MODEL: CSK-AUDIO-001 | **DESCRIPTION:** AUDIO KIT

FEATURES

- Speakers
 - IP67 rated face
 - micro speaker
- Microphones
 - IP67 rated face
 - omnidirectional
 - high ADP of 130 dB
- Buzzers
 - IP67 rated
 - piezo
 - externally driven


SPEAKERS

| | QTY | contact method | input power | impedance | SPL | resonant frequency | dimensions |
|----------------------|-----|----------------|-------------|------------------|----------|--------------------|---------------|
| | | | typ [W] | typ [Ω] | min [dB] | typ [Hz] | typ [mm] |
| CMS-151125-076S-67 | 4 | Spring Contact | 0.7 | 6 | 92.5 | 550 ± 110 | 15 x 11 x 2.5 |
| CMS-151125-078SP-67 | 4 | Solder Pad | 0.7 | 8 | 91 | 700 ± 140 | 15 x 11 x 2.5 |
| CMS-151125-078S-67 | 4 | Spring Contact | 0.7 | 8 | 91 | 700 ± 140 | 15 x 11 x 2.5 |
| CMS-15113-076SP-67 | 4 | Solder Pad | 0.7 | 6 | 92 | 600 ± 120 | 15 x 11 x 3 |
| CMS-15113-078SP-67 | 4 | Solder Pad | 0.7 | 8 | 91 | 700 ± 140 | 15 x 11 x 3 |
| CMS-151135-076S-67 | 4 | Spring Contact | 0.7 | 6 | 92 | 600 ± 120 | 15 x 11 x 3 |
| CMS-160925-078SP-67 | 4 | Solder Pad | 0.7 | 8 | 90 | 550 ± 110 | 16 X 9 2.5 |
| CMS-160925-078S-67 | 4 | Spring Contact | 0.7 | 8 | 90 | 550 ± 110 | 16 X 9 2.5 |
| CMS-16093-076S-67 | 4 | Spring Contact | 0.7 | 6 | 90 | 600 ± 120 | 16 x 9 x 3 |
| CMS-16093-078L100-67 | 4 | Wire Leads | 0.7 | 8 | 90 | 550 ± 110 | 16 x 9 x 3 |
| CMS-181325-078SP-67 | 4 | Solder Pad | 0.7 | 8 | 93 | 800 ± 160 | 18 x 13 x 2.5 |
| CMR-12062S-67 | 4 | Spring Contact | 0.020 | 32 | 117 | 450 ± 90 | 12 x 6 x 2 |

MICROPHONES

| | QTY | directivity | sensitivity | operating voltage | current consumption | terminal | dimensions |
|-----------------|-----|-----------------|-------------|-------------------|---------------------|------------|------------|
| | | | typ [dB] | typ [Vdc] | max [mA] | | typ [mm] |
| CMC-4015-130T | 4 | Omnidirectional | -42 | 2 | 0.5 | Solder Pad | Ø4.0 x 1.5 |
| CME-1538-100LB | 4 | Omnidirectional | -38 | 2 | 0.5 | Wire Lead | Ø4.0 x 1.5 |
| CMC-4015-25L100 | 4 | Omnidirectional | -25 | 3 | 0.5 | Wire Lead | Ø4.0 x 1.5 |

BUZZERS

| | QTY | operating voltage | current consumption | rated frequency | SPL @ 10 cm | terminal | dimensions |
|----------------|-----|-------------------|---------------------|-----------------|-------------|-----------|------------|
| | | | max [mA] | typ [Hz] | min [dB] | | typ [mm] |
| CPT-1495C1-300 | 4 | 30 Vp-p | 12 | 4250 | 84 | Pin Type | Ø4.0 x 10 |
| CPE-267 | 2 | 12 Vdc | 35 | 2800 ± 500 | 85 | Wire Lead | Ø25 x 16 |
| CPE-243 | 4 | 12 Vdc | 35 | 5000 ± 500 | 80 | Wire Lead | Ø4.0 x 10 |

IP RATING

| IP RATING CHART | | |
|-----------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| IP LEVEL | First Digit: Ingress of solid objects | Second Digit: Ingress of liquids |
| 0 | No protection | No protection |
| 1 | Protected against solid objects over 50 mm e.g. hands, large tools. | Protected against vertically falling drops of water or condensation. |
| 2 | Protected against solid objects over 12.5 mm e.g. hands, large tools. | Protected against falling drops of water, if the case is disposed up to 15° from vertical. |
| 3 | Protected against solid objects over 2.5 mm e.g. wire, small tools. | Protected against sprays of water from any direction, even if the case is disposed up to 60° from vertical. |
| 4 | Protected against solid objects over 1.0 mm e.g. wires. | Protected against splash water from any direction. |
| 5 | Limited protection against dust ingress. (no harmful deposit) | Protected against low pressure water jets from any direction. Limited ingress permitted. |
| 6 | Totally protected against dust ingress. | Protected against high pressure water jets from any direction. Limited ingress permitted. |
| 7 | N/A | Protected against short periods of immersion in water. |
| 8 | N/A | Protected against long, durable periods of immersion in water. |
| 9k | N/A | Protected against close-range high pressure, high temperature spray downs. |

REVISION HISTORY

| rev. | description | date |
|------|-----------------------------------|------------|
| 1.0 | initial release | 02/13/2020 |
| 1.01 | logo, datasheet style update | 10/26/2022 |
| 1.02 | CUI Devices rebranded to Same Sky | 09/12/2024 |

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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