

**MODEL:** CMEJ-0733-25-L350 | **DESCRIPTION:** ELECTRET CONDENSER MICROPHONE**FEATURES**

- omnidirectional
- high sensitivity
- 350 mm lead wires

**ELECTRICAL**

parameter	conditions/description	min	typ	max	units
directivity	omnidirectional				
sensitivity [S]	at 1 kHz [0 dB = 1 V/Pa]	-31	-28	-25	dB
supply voltage [V _{DD}]		1.0	2.0	10	V
current consumption	V _{DD} = 2.0 V, R _L = 2.2 k Ω			0.5	mA
sensitivity reduction	V _{DD} = 2.0 ~ 1.5 V			3	dB
frequency [f]		100		10,000	Hz
signal to noise ratio [S/N]	at 1 kHz, P _{in} = 1 Pa [A-weighted]		70		dBA
total harmonic distortion [THD]	at 94 dB SPL, 1 kHz			1	%
	at 115 dB SPL, 1 kHz			3	%
acoustic overload point [AOP]	at 1 kHz			115	dB SPL
output impedance [Z _{out}]	at 1 kHz			∞	k Ω

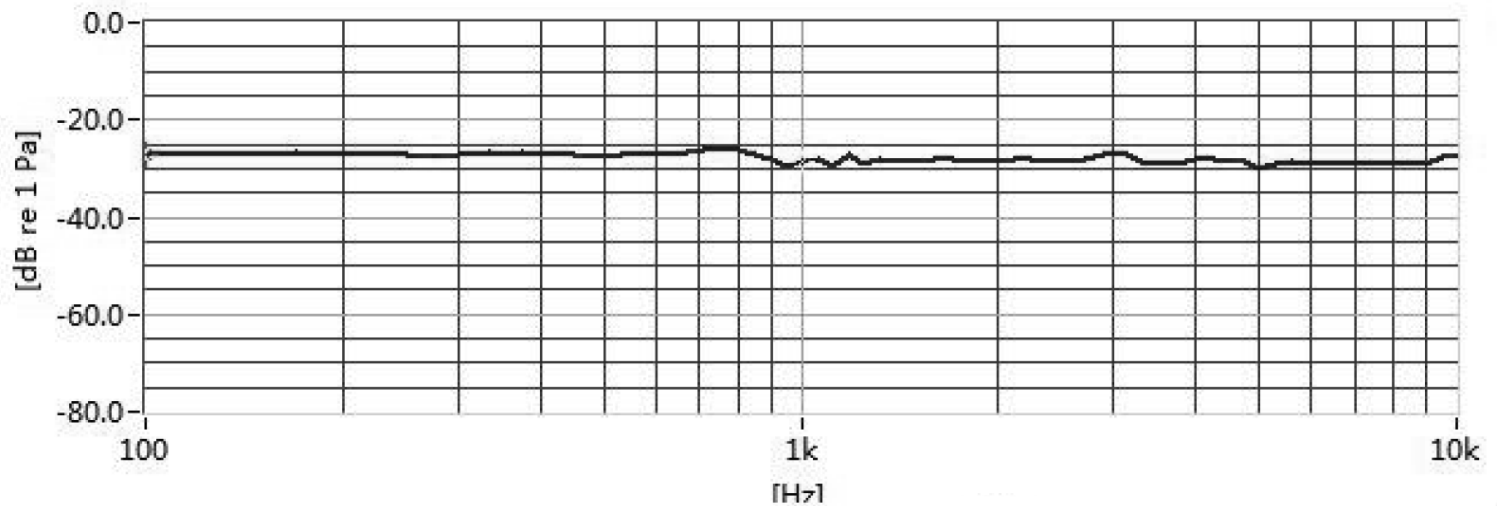
Notes: 1. All specifications measured at 20 $\pm$ 2°C, humidity at 60~70%, unless otherwise noted.

ENVIRONMENTAL

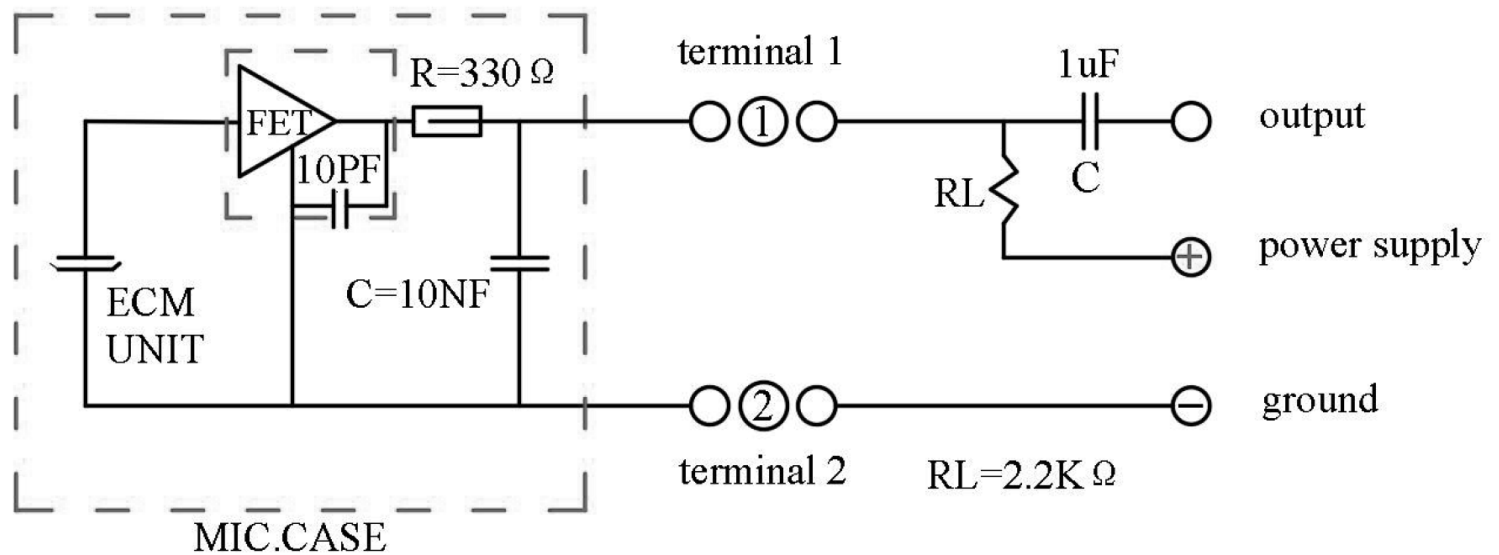
parameter	conditions/description	min	typ	max	units
operating temperature		-40		85	°C
storage temperature		-40		85	°C
operating humidity	non-condensing	30		85	%
storage humidity	non-condensing	30		75	%
RoHS	yes				

parameter	conditions/description	min	typ	max	units
dimensions	Ø7.0 x 3.3				mm
acoustic port	top				
terminals	wire leads with connector; mates with CJT A2501 Series or equivalent				
weight			3.4		g

FREQUENCY RESPONSE CURVE



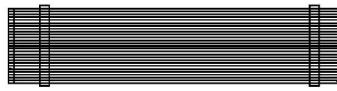
APPLICATION CIRCUIT



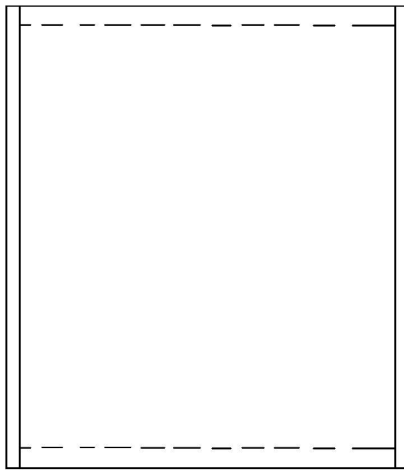
PACKAGING

Carton QTY: 5,000 pcs

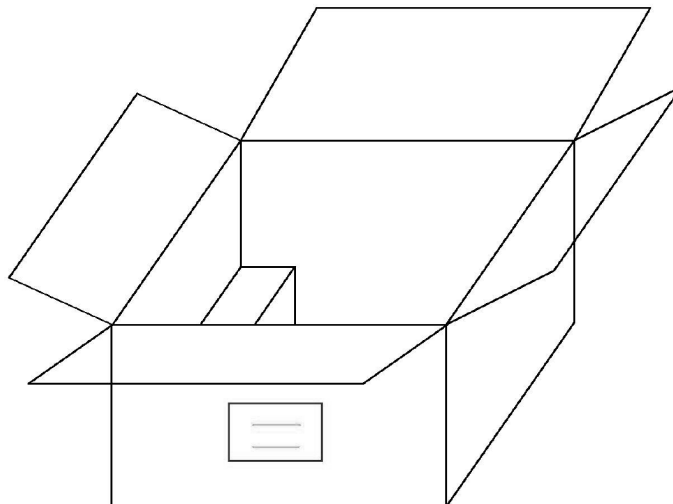
50PCS is 1 bundles,



20 bundles of 1 bags



5pcs bag
packing to
carton, 5000PCS



REVISION HISTORY

rev.	description	date
1.0	initial release	06/12/2019
1.01	brand update	01/16/2020
1.02	logo, datasheet style update	08/05/2022
1.03	CUI Devices rebranded to Same Sky	09/11/2024

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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