

**Electret Condenser Microphone (Unidirectional)**

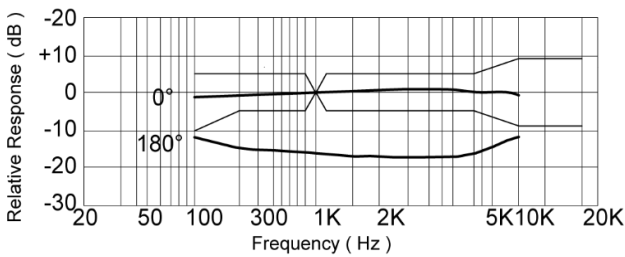
**Model: CMU9750-15068-474S**



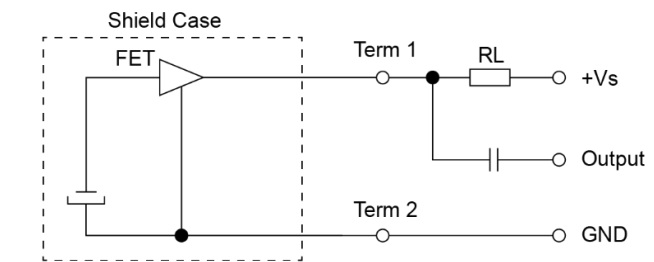
**ELECTRICAL SPECIFICATIONS**

	Condition	Parameter	Unit
Directivity		Unidirectional	
Sensitivity	0dB = 1V/Pa, 1KHz	-47 ± 4	dB
Operating Voltage		1 ~ 10	Vdc
Standard Operating Voltage		1.5	Vdc
Output Impedance	1KHz, 1Pa	680	Ω
Frequency Range		100 ~ 10K	Hz
Current Consumption	at recommended drive circuit	Max. 500	μA
Sensitivity Reduction	at 1Vdc	within -3	dB
S/N Ratio	1KHz, 1Pa, A-weighted	Min. 58	dBA
Terminal		Solder Pads	
Operating Temperature		-20 ~ +70	°C
Storage Temperature		-20 ~ +70	°C

**FREQUENCY RESPONSE CURVE**



**RECOMMENDED DRIVE CIRCUIT**



Vs: 1.5Vdc

RL: 680Ω

**MECHANICAL DRAWING**

Dimensions in mm

Tolerance ±0.5mm Except Specified

