DATA SHEET

RECEIVER EWK SERIES
EWK-30019-001
DAMPING TYPE NO DAMPING

DESCRIPTION

Balanced armature type receiver, used as wide band application.

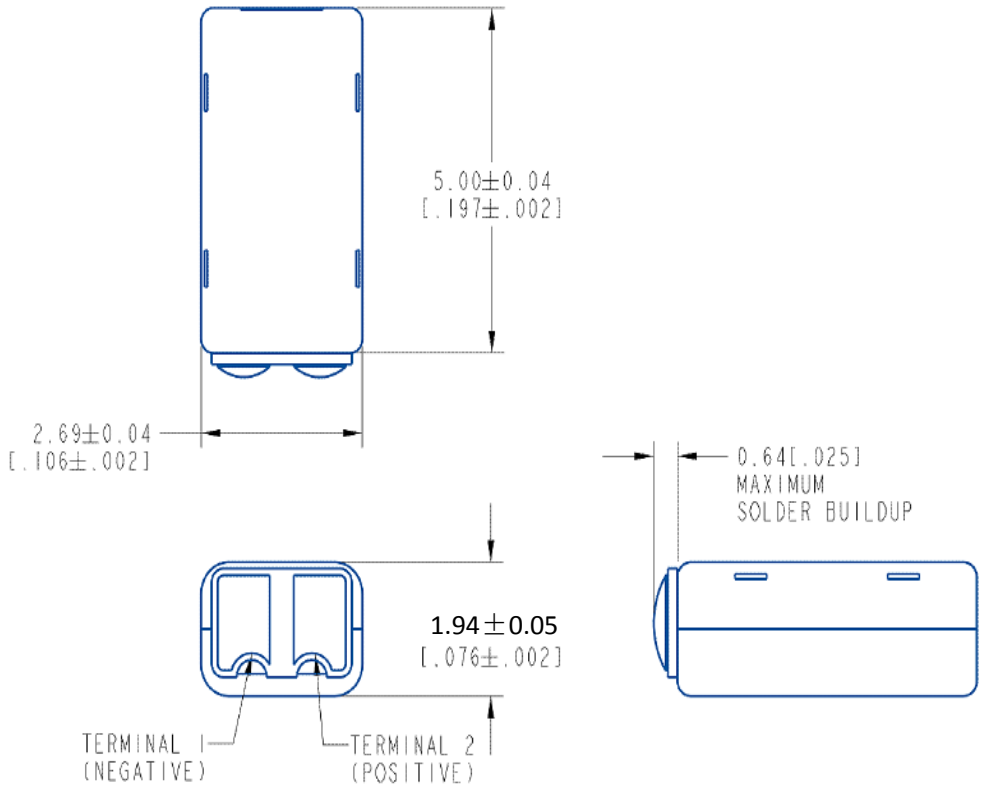
FEATURES

Provide Wide band and higher output
Perfect for using in headset as tweeter unit
Smallest size

MECHANICAL DATA

WEIGHT	0.1 GRAMS TYPICAL
STORAGE	-40℃ to 70℃
OPERATION	0℃ to 70℃

PRODUCT DIMENSION



ACOUSTIC SPECIFICATION

Environment 23℃ 50%RH

Typical Response curve

EWK-30019-001

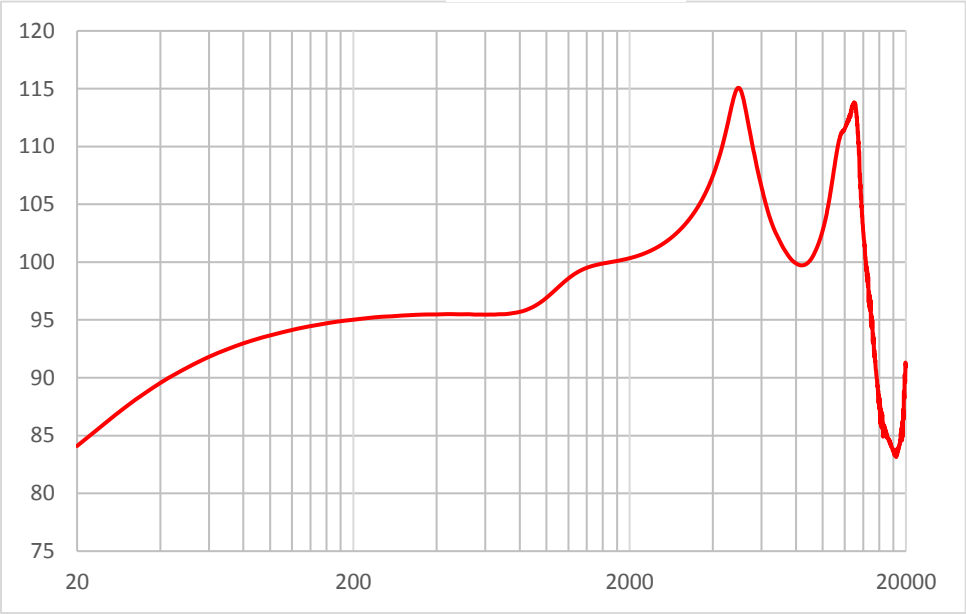


TABLE- SENSITIVITY

FREQUENCY	MIN	NOMINAL	MAX
200	-3.0	-1.0	+1.0
500	-2.0	95.5	+2.0
1000	+0.0	+2.0	+4.0
4700-5300	+16.0	+19.0	+22.0
7900-8900	+1.0	+4.0	+7.0
12000-14000	+13.0	+17.0	+21.0

*** SENSITIVITY IN dB IS RELATED TO 20uPa

TABLE- TOTAL HARMONIC DISTORTION

FREQUENCY	AC DRIVE(V rms)	LIMIT (%)
1610	0.094	5
2410	0.094	5
2410	0.265	10

TABLE- ACOUSTIC LOAD

IEC 60318-4 COUPLER(IEC-711 COUPLER)

ELECTRICAL SPECIFICATION

Nominal Drive Type	CONSTANT VOLTAGE
Nominal Drive (V rms)	0.094
DCR @ 20℃	12.5 Ohms +/-10%
Impedance @ 500Hz	13.5 Ohms +/-15%
Impedance @ 1000Hz	14.5 Ohms +/-15%

ISOLATION: CASE WILL BE ELECTRICAL ISOLATED FROM THE COIL