

Condenser Microphone

SELECTION GUIDE

LAUBE

51

how to order

C	9	7	6	7	A	E	4	2	2	P
1	2	3	4	5	6	7	8			

1. Directivity. C = omni, U = uni, N = noise cancelling, B = Omni Back Electret
2. Diameter with one decimal point (mm) e.g. 97 = 9.7
3. Height with the filter in one decimal point (mm) e.g. 67 = 6.7
4. Power Supply (Vs) *fig. 1
5. Resistor Loading (RL) *fig. 2
6. Sensitivity e.g. 42 = 42dB
7. Tolerance in sensitivity e.g. 2 = ±2
8. Pin, Lead or none

IMPORTANT INFORMATION

We start to use "pascal" indication from this volume. This is the recommendation if I.E.C. (International Electrotechnical Commission).

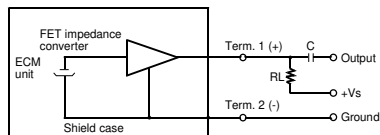
The relation between "pascal" and "µbar" is as follows. 1pa = 10µbar

So the sensitivity will increase 20dB with "pa" indication

Example: -60dB (0dB = 1V/µbar) = -40dB (0dB = 1V/pa)

(Vs) fig. 1			(RL) fig. 2		
A. 1 V	G. 4 V	A. 680 Ω			
B. 1.5 V	H. 4.5 V	B. 1 KΩ			
C. 2 V	I. 5 V	C. 1.5 KΩ			
D. 2.5 V	J. 5.5 V	D. 2.2 KΩ			
E. 3 V	K. 6 V	E. 3 KΩ			
F. 3.5 V					
(Vs) standard operation voltage			(RL) external resistance		

schematic diagram



Series	Directivity*	Diameter (mm)	Height (mm)	Power Supply (Vs)	External Resistor Loading (Ω)	Sensitivity (dB)	Terminal*	Page No.
CF4012	Omni	4.0	1.2	2.0	2200	-42	+/- 3	S 52
C4015	Omni	4.0	1.5	2.0	2200	-45	+/- 3	P / S 52
C4530	Omni	4.5	3.0	2.0	2200	-44,-46,-50	+/- 3	S 52
CF5822	Omni	5.8	2.2	2.0	2200	-38,-44	+/- 3	P / S 53
C6012	Omni	6.0	1.2	2.0	2200	-42	+/- 3	S 53
CF6016	Omni	6.0	1.6	2.0	2200	-44	+/- 3	P / S 53
C6022	Omni	6.0	2.2	2.0	2200	-44,-46	+/- 3	P / S 54
C6027	Omni	6.0	2.7	2.0	2200	-38,-42,-46	+/- 3	P / S 54
C6030	Omni	6.0	3.0	2.0	2200	-42,-44,-46	+/- 3	S 54
C6035	Omni	6.0	3.5	2.0	2200	-42,-44,-46	+/- 3	P / S 55
C6052	Omni	6.0	5.2	2.0	2200	-38,-42,-46	+/- 3	P / S 55
C8052	Omni	8.0	5.2	1.5	2200	-42,-46	+/- 3	S 55
C9465	Omni	9.4	6.5	4.5	1000	-45	+/- 2	P / S 56
C9745	Omni	9.7	4.5	1.5 / 2.5	3000 / 2200	-40,-42,-44 / -40,-42,-44,-46	+/- 3	P / S 56
C9752	Omni	9.7	5.2	2.5	2200	-42	+/- 2	S 56
CF9745	Omni	9.7	4.5	1.5 / 2.5	3000 / 2200	-40,-42,-44 / -40,-42,-44,-46	+/- 3	P 57
C9767	Omni	9.7	6.7	1.5 / 4.5	1500 / 2200	-36,-38,-40,-42,-44 / -38,-42,-46	+/- 3, +/- 2	P / S 57
CF1055	Omni	10.0	5.5	1.5	2200	-38	+/- 3	S 57
U6030	Uni	6.0	3.0	2.0	2200	-46	+/- 4	S 58
U6035	Uni	6.0	3.5	2.0	2200	-46	+/- 4	S 58
U6052	Uni	6.0	5.2	2.0	2200	-50	+/- 4	S 58
U8052	Uni	8.0	5.2	2.0	2200	-46	+/- 4	S 59
U9752	Uni	9.7	5.2	1.5	680	-47	+/- 4	S 59
N4530	Noise	4.5	3.0	2.0	2200	-54	+/- 3	S 59
N6027	Noise	6.0	2.7	2.0	2200	-51	+/- 4	S 60
N6035	Noise	6.0	3.5	2.0	2200	-46	+/- 4	S 60
N6052	Noise	6.0	5.2	1.5	2200	-50	+/- 4	S 60
N9752	Noise	9.7	5.2	1.5	680	-54	+/- 4	S 61
B6022	Back Omni	6.0	2.2	3.0	2200	-46	+/- 4	S 61
B6027	Back Omni	6.0	2.7	3.0	2200	-46	+/- 4	S 61
B6035	Back Omni	6.0	3.5	3.0	2200	-46	+/- 4	S 62
B6052	Back Omni	6.0	5.2	3.0	2200	-46	+/- 4	S 62

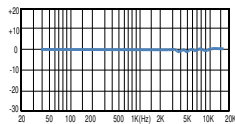
* Omni - Omni Directional, Uni - Uni Directional, Noise - Noise Cancelling, Back Omni - Back Electret Omni Leadwire type is available on request

CF4012



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE

**ELECTRICAL SPECIFICATIONS**

Model No.

CF4012CD423

Sensitivity	(dB)	-42 +/- 3
Directivity		OMNI
Power Supply Vs	(V)	2.0
Resistance Loading RL	(Ω)	2.2K
Max Current	(mA)	0.5
Frequency Range	(Hz)	100 - 10000
Max. Operation Voltage	(V)	10
Sensitivity Reduction within 1.5 V	(dB)	-3
S/N Ratio	(dB)	> 60

DIMENSION

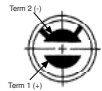
Top View



Side View



Bottom View



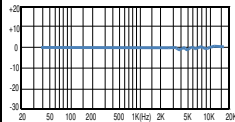
all dimensions are in mm

C4015



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	PIN / NIL

FREQUENCY RESPONSE CURVE

**ELECTRICAL SPECIFICATIONS**

Model No.

C4015CD453

C4015CD453-P

Sensitivity	(dB)	-45 +/- 3	-45 +/- 3
Directivity		OMNI	OMNI
Power Supply Vs	(V)	2	2
Resistance Loading RL	(Ω)	2.2K	2.2K
Max Current	(mA)	0.5	0.5
Frequency Range	(Hz)	100 - 10000	50 - 16000
Max. Operation Voltage	(V)	10	10
Sensitivity Reduction within 1.5 V	(dB)	-3	-3
S/N Ratio	(dB)	> 60	> 60

DIMENSION

Top View

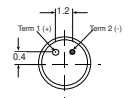


PIN

Side View



Bottom View

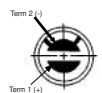


NIL

Side View



Bottom View



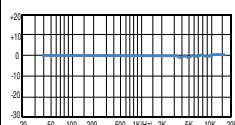
all dimensions are in mm

C4530



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE

**ELECTRICAL SPECIFICATIONS**

Model No.

C4530CD443D

C4530CD463D

C4530CD503D

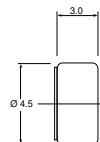
Sensitivity	(dB)	-44 +/- 3	-46 +/- 3	-50 +/- 3
Directivity		OMNI	OMNI	OMNI
Power Supply Vs	(V)	2	2	2
Resistance Loading RL	(Ω)	2.2K	2.2K	2.2K
Max Current	(mA)	0.5	0.5	0.5
Frequency Range	(Hz)	50 - 16000	50 - 16000	50 - 16000
Max. Operation Voltage	(V)	10	10	10
Sensitivity Reduction within 1.5 V	(dB)	-3	-3	-3
S/N Ratio	(dB)	> 60	> 60	> 60

DIMENSION

Top View



Side View



Bottom View



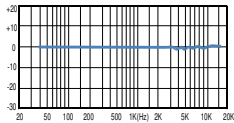
all dimensions are in mm

CF5822



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	PIN / NIL

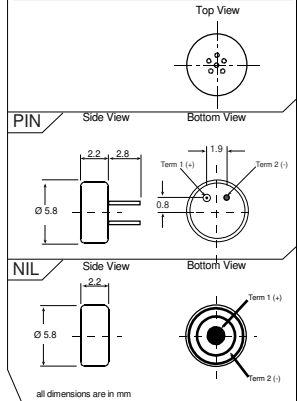
FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	CF5822CD383D	CF5822CD443D
Sensitivity (dB)	-38 +/- 3	-44 +/- 3
Directivity	OMNI	OMNI
Power Supply Vs (V)	2	2
Resistance Loading RL (Ω)	2.2K	2.2K
Max Current (mA)	0.5	0.5
Frequency Range (Hz)	50 - 16000	50 - 16000
Max. Operation Voltage (V)	10	10
Sensitivity Reduction within 1.5 V (dB)	-3	-3
S/N Ratio (dB)	> 60	> 60

DIMENSION

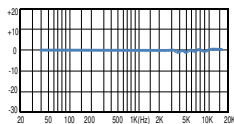


C6012



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	PIN / NIL

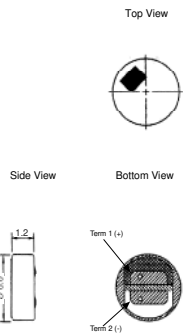
FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	C6012CD423
Sensitivity (dB)	-42 +/- 3
Directivity	OMNI
Power Supply Vs (V)	2
Resistance Loading RL (Ω)	2.2K
Max Current (mA)	0.5
Frequency Range (Hz)	100 - 10000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 1.5 V (dB)	-3
S/N Ratio (dB)	> 60

DIMENSION

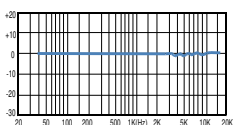


CF6016



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	PIN / NIL

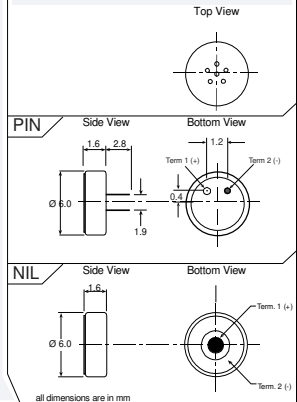
FREQUENCY RESPONSE CURVE



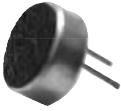
ELECTRICAL SPECIFICATIONS

Model No.	CF6016CD443
Sensitivity (dB)	-44 +/- 3
Directivity	OMNI
Power Supply Vs (V)	2
Resistance Loading RL (Ω)	2.2K
Max Current (mA)	0.5
Frequency Range (Hz)	50 - 16000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 1.5 V (dB)	-3
S/N Ratio (dB)	> 60

DIMENSION

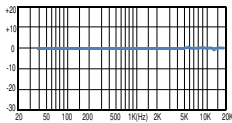


C6022



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	PIN / NIL

FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	C6022CD443D	C6022CD463D
Sensitivity (dB)	-44 +/- 3	-46 +/- 3
Directivity	OMNI	OMNI
Power Supply Vs (V)	2	2
Resistance Loading RL (Ω)	2.2K	2.2K
Max Current (mA)	0.5	0.5
Frequency Range (Hz)	50 - 16000	50 - 16000
Max. Operation Voltage (V)	10	10
Sensitivity Reduction within 1.5 V (dB)	-3	-3
S/N Ratio (dB)	> 60	> 60

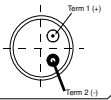
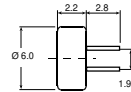
DIMENSION



PIN

Side View

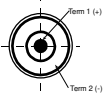
Bottom View



NIL

Side View

Bottom View



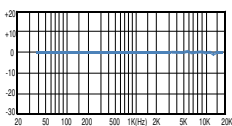
all dimensions are in mm

C6027



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	PIN / NIL

FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	C6027CD383	C6027CD423	C6027CD463
Sensitivity (dB)	-38 +/- 3	-42 +/- 3	-46 +/- 3
Directivity	OMNI	OMNI	OMNI
Power Supply Vs (V)	2	2	2
Resistance Loading RL (Ω)	2.2K	2.2K	2.2K
Max Current (mA)	0.5	0.5	0.5
Frequency Range (Hz)	50 - 16000	50 - 16000	50 - 16000
Max. Operation Voltage (V)	10	10	10
Sensitivity Reduction within 1.5 V (dB)	-3	-3	-3
S/N Ratio (dB)	> 60	> 60	> 60

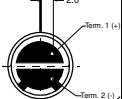
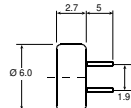
DIMENSION



PIN

Side View

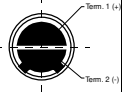
Bottom View



NIL

Side View

Bottom View



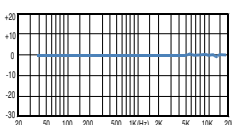
all dimensions are in mm

C6030



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	PIN / NIL

FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

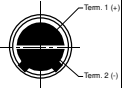
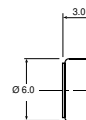
Model No.	C6030CD423	C6030CD443	C6030CD463
Sensitivity (dB)	-42 +/- 3	-44 +/- 3	-46 +/- 3
Directivity	OMNI	OMNI	OMNI
Power Supply Vs (V)	2	2	2
Resistance Loading RL (Ω)	2.2K	2.2K	2.2K
Max Current (mA)	0.5	0.5	0.5
Frequency Range (Hz)	50 - 16000	50 - 16000	50 - 16000
Max. Operation Voltage (V)	10	10	10
Sensitivity Reduction within 1.5 V (dB)	-3	-3	-3
S/N Ratio (dB)	> 60	> 60	> 60

DIMENSION



Side View

Bottom View



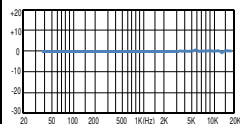
all dimensions are in mm

C6035



COLOR	HOUSING	TERMINAL
SILVER	ALUMINUM	PIN / NIL

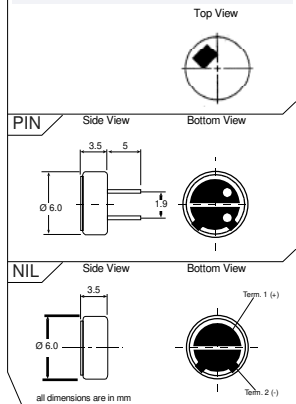
FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	C6035CD423	C6035CD443	C6035CD463
Sensitivity (dB)	-42 +/- 3	-44 +/- 3	-46 +/- 3
Directivity	OMNI	OMNI	OMNI
Power Supply Vs (V)	2	2	2
Resistance Loading RL (Ω)	2.2K	2.2K	2.2K
Max Current (mA)	0.5	0.5	0.5
Frequency Range (Hz)	50 - 16000	50 - 16000	50 - 16000
Max. Operation Voltage (V)	10	10	10
Sensitivity Reduction within 1.5 V (dB)	-3	-3	-3
S/N Ratio (dB)	> 60	> 60	> 60

DIMENSION

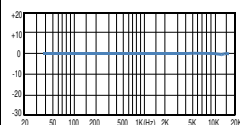


C6052



COLOR	HOUSING	TERMINAL
SILVER	ALUMINUM	PIN / NIL

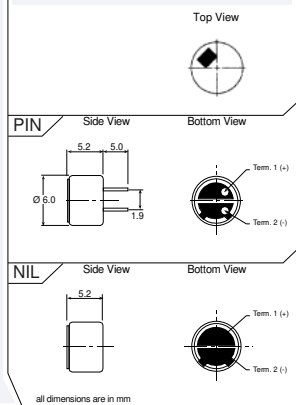
FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	C6052CD383	C6052CD423	C6052CD463
Sensitivity (dB)	-38 +/- 3	-42 +/- 3	-46 +/- 3
Directivity	OMNI	OMNI	OMNI
Power Supply Vs (V)	2	2	2
Resistance Loading RL (Ω)	2.2K	2.2K	2.2K
Max Current (mA)	0.5	0.5	0.5
Frequency Range (Hz)	50 - 16000	50 - 16000	50 - 16000
Max. Operation Voltage (V)	10	10	10
Sensitivity Reduction within 1.5 V (dB)	-3	-3	-3
S/N Ratio (dB)	> 60	> 60	> 60

DIMENSION

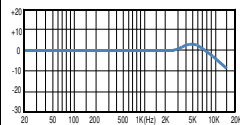


C8052



COLOR	HOUSING	TERMINAL
SILVER	ALUMINUM	PIN / NIL

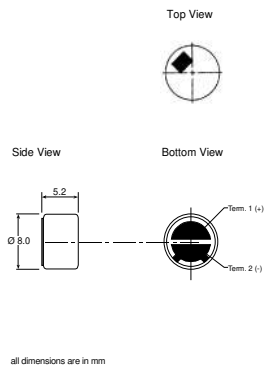
FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	C8052BD423	C8052BD463
Sensitivity (dB)	-42 +/- 3	-46 +/- 3
Directivity	OMNI	OMNI
Power Supply Vs (V)	1.5	1.5
Resistance Loading RL (Ω)	2.2K	2.2K
Max Current (mA)	0.5	0.5
Frequency Range (Hz)	50 - 16000	50 - 16000
Max. Operation Voltage (V)	10	10
Sensitivity Reduction within 1.5 V (dB)	-3	-3
S/N Ratio (dB)	> 60	> 60

DIMENSION

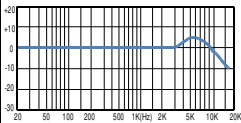


C9465



COLOUR SILVER **HOUSING** ALUMINUM **TERMINAL** PIN / NIL

FREQUENCY RESPONSE CURVE

**ELECTRICAL SPECIFICATIONS**

Model No.

C9465HB452

Sensitivity	(dB)	-42 +/- 2
Directivity		OMNI
Power Supply Vs	(V)	4.5
Resistance Loading RL	(Ω)	1K
Max Current	(mA)	0.8
Frequency Range	(Hz)	50 - 16000
Max. Operation Voltage	(V)	10
Sensitivity Reduction within 3 V	(dB)	-3
S/N Ratio	(dB)	> 60

DIMENSION

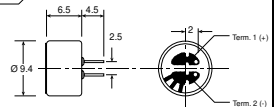
Top View



PIN

Side View

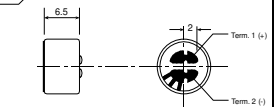
Bottom View



NIL

Side View

Bottom View



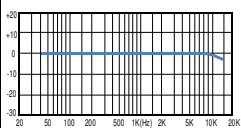
all dimensions are in mm

C9745



COLOUR SILVER **HOUSING** ALUMINUM **TERMINAL** PIN / NIL

FREQUENCY RESPONSE CURVE

**ELECTRICAL SPECIFICATIONS**

Model No.

C9745BB403 C9745BB423 C9745BB443 C9745DD403 C9745DD423 C9745DD443 C9745DD463

Sensitivity	(dB)	-40 +/- 3	-42 +/- 3	-44 +/- 3	-40 +/- 3	-42 +/- 3	-44 +/- 3	-46 +/- 3
Directivity		OMNI	OMNI	OMNI	OMNI	OMNI	OMNI	OMNI
Power Supply Vs	(V)	1.5	1.5	1.5	2.5	2.5	2.5	2.5
Resistance Loading RL	(Ω)	3K	3K	3K	2.2K	2.2K	2.2K	2.2K
Max Current	(mA)	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Frequency Range	(Hz)	50 - 16000	50 - 16000	50 - 16000	50 - 16000	50 - 16000	50 - 16000	50 - 16000
Max. Operation Voltage	(V)	10	10	10	10	10	10	10
Sensitivity Reduction Within 1.5 V	(dB)	-3	-3	-3	-3	-3	-3	-3
Sensitivity Reduction Within 2V	(dB)	> 60	> 60	> 60	> 60	> 60	> 60	> 60
S/N Ratio	(dB)	> 60	> 60	> 60	> 60	> 60	> 60	> 60

DIMENSION

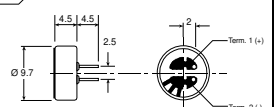
Top View



PIN

Side View

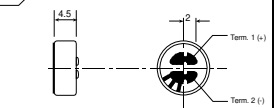
Bottom View



NIL

Side View

Bottom View



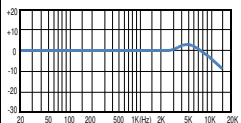
all dimensions are in mm

C9752



COLOUR SILVER **HOUSING** ALUMINUM **TERMINAL** NIL

FREQUENCY RESPONSE CURVE

**ELECTRICAL SPECIFICATIONS**

Model No.

C9752DD422

Sensitivity	(dB)	-42 +/- 2
Directivity		OMNI
Power Supply Vs	(V)	2.5
Resistance Loading RL	(Ω)	2.2K
Max Current	(mA)	0.5
Frequency Range	(Hz)	50 - 16000
Max. Operation Voltage	(V)	10
Sensitivity Reduction within 3 V	(dB)	-3
S/N Ratio	(dB)	> 60

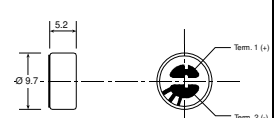
DIMENSION

Top View



Side View

Bottom View



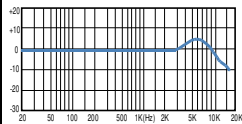
all dimensions are in mm

CF9745



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	PIN

FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	CF9745B8403	CF9745B8423	CF9745B8443	CF9745D8403	CF9745D8423	CF9745D8443	CF9745D8463
Sensitivity (dB)	-40 ± 3	-42 ± 3	-44 ± 3	-40 ± 3	-42 ± 3	-44 ± 3	-46 ± 3
Directivity	OMNI	OMNI	OMNI	OMNI	OMNI	OMNI	OMNI
Power Supply Vs (V)	1.5	1.5	1.5	2.5	2.5	2.5	2.5
Resistance Loading RL (Ω)	3K	3K	3K	2.2K	2.2K	2.2K	2.2K
Max Current (mA)	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Frequency Range (Hz)	50 - 16000	50 - 16000	50 - 16000	50 - 16000	50 - 16000	50 - 16000	50 - 16000
Max. Operation Voltage (V)	10	10	10	10	10	10	10
Sensitivity Reduction Within 1 V (dB)	-3	-3	-3				
Sensitivity Reduction Within 2 V (dB)				-3	-3	-3	-3
S/N Ratio (dB)	> 60	> 60	> 60	> 60	> 60	> 60	> 60

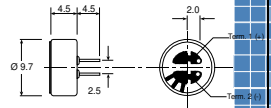
DIMENSION

Top View



Side View

Bottom View



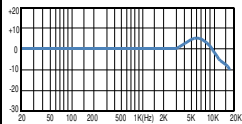
all dimensions are in mm

C9767



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	PIN / NIL

FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	C9767B2363	C9767B2383	C9767B2403	C9767B2423	C9767B2443	C9767B2382	C9767B2422	C9767B2442
Sensitivity (dB)	-36 ± 3	-38 ± 3	-40 ± 3	-42 ± 3	-44 ± 3	-38 ± 2	-42 ± 2	-46 ± 2
Directivity	OMNI	OMNI	OMNI	OMNI	OMNI	OMNI	OMNI	OMNI
Power Supply Vs (V)	1.5	1.5	1.5	1.5	1.5	4.5	4.5	4.5
Resistance Loading RL (Ω)	1.5K	1.5K	1.5K	1.5K	1.5K	2.2K	2.2K	2.2K
Max Current (mA)	0.5	0.5	0.5	0.5	0.5	0.8	0.8	0.8
Frequency Range (Hz)	50 - 16000	50 - 16000	50 - 16000	50 - 16000	50 - 16000	50 - 16000	50 - 16000	50 - 16000
Max. Operation Voltage (V)	10	10	10	10	10	10	10	10
Sensitivity Reduction Within 1 V (dB)	-3	-3	-3	-3	-3			
Sensitivity Reduction Within 2 V (dB)						-3	-3	-3
S/N Ratio (dB)	> 60	> 60	> 60	> 60	> 60	> 60	> 60	> 60

DIMENSION

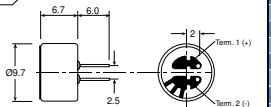
Top View



PIN

Side View

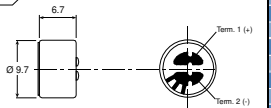
Bottom View



NIL

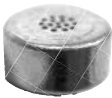
Side View

Bottom View



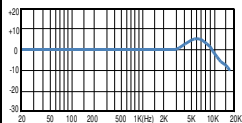
all dimensions are in mm

CF1055



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	PIN / NIL

FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	CF1055BD383
Sensitivity (dB)	-38 ± 3
Directivity	OMNI
Power Supply Vs (V)	1.5
Resistance Loading RL (Ω)	2.2K
Max Current (mA)	0.5
Frequency Range (Hz)	50 - 16000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 1 V (dB)	-3
S/N Ratio (dB)	> 60

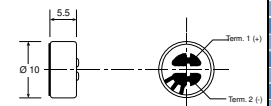
DIMENSION

Top View



Side View

Bottom View



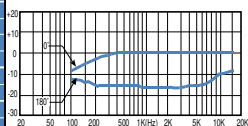
all dimensions are in mm

U6030



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	PIN / NIL

FREQUENCY RESPONSE CURVE

**ELECTRICAL SPECIFICATIONS**

Model No.	U6030CD464
Sensitivity (dB)	-46 +/- 4
Directivity	UNI
Power Supply Vs (V)	2
Resistance Loading RL (Ω)	2.2K
Max Current (mA)	0.5
Frequency Range (Hz)	100 - 10000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 1.5 V (dB)	-3
S/N Ratio (dB)	> 60

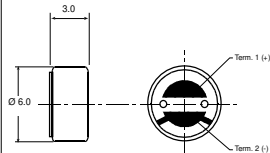
DIMENSION

Top View



Side View

Bottom View



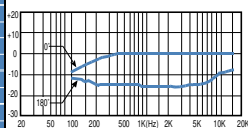
all dimensions are in mm

U6035



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE

**ELECTRICAL SPECIFICATIONS**

Model No.	U6035CD464
Sensitivity (dB)	-46 +/- 4
Directivity	UNI
Power Supply Vs (V)	2
Resistance Loading RL (Ω)	2.2K
Max Current (mA)	0.5
Frequency Range (Hz)	100 - 10000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 1.5 V (dB)	-3
S/N Ratio (dB)	> 60

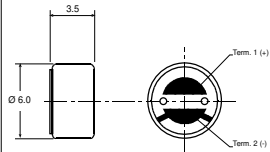
DIMENSION

Top View



Side View

Bottom View



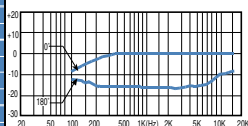
all dimensions are in mm

U6052



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE

**ELECTRICAL SPECIFICATIONS**

Model No.	U6052CD504
Sensitivity (dB)	-50 +/- 4
Directivity	UNI
Power Supply Vs (V)	2
Resistance Loading RL (Ω)	2.2K
Max Current (mA)	0.5
Frequency Range (Hz)	100 - 10000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 1.5 V (dB)	-3
S/N Ratio (dB)	> 60

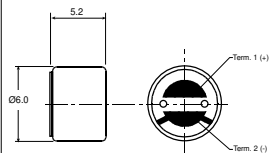
DIMENSION

Top View



Side View

Bottom View



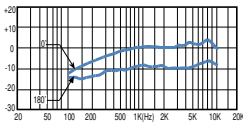
all dimensions are in mm

U8052



COLOR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

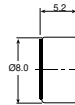
Model No.	U8052CD464
Sensitivity (dB)	-46 +/- 4
Directivity	UNI
Power Supply Vs (V)	2
Resistance Loading RL (Ω)	2.2K
Max Current (mA)	0.5
Frequency Range (Hz)	100 - 10000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 1.5 V (dB)	-3
S/N Ratio (dB)	> 60

DIMENSION

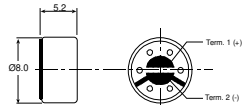
Top View



Side View



Bottom View



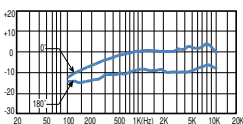
all dimensions are in mm

U9752



COLOR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

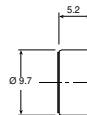
Model No.	U9752BA474
Sensitivity (dB)	-47 +/- 4
Directivity	UNI
Power Supply Vs (V)	1.5
Resistance Loading RL (Ω)	680
Max Current (mA)	0.5
Frequency Range (Hz)	100 - 10000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 1 V (dB)	-3
S/N Ratio (dB)	> 60

DIMENSION

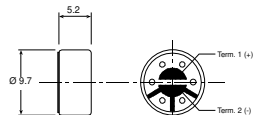
Top View



Side View



Bottom View



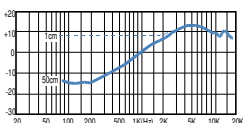
all dimensions are in mm

N4530



COLOR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

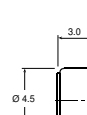
Model No.	N4530CD543
Sensitivity (dB)	-54 +/- 3
Directivity	NOISE
Power Supply Vs (V)	2.0
Resistance Loading RL (Ω)	2.2K
Max Current (mA)	0.5
Frequency Range (Hz)	100 - 10000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 1.5 V (dB)	-3
S/N Ratio (dB)	> 60

DIMENSION

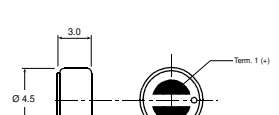
Top View



Side View



Bottom View



all dimensions are in mm

60

Condenser Microphone

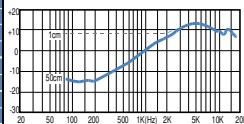
LAUBE

N6027



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	N6027CD514
Sensitivity (dB)	-51 +/- 4
Directivity	NOISE
Power Supply Vs (V)	2.0
Resistance Loading RL (Ω)	2.2K
Max Current (mA)	0.5
Frequency Range (Hz)	100 - 10000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 1.5 V (dB)	-3
S/N Ratio (dB)	> 60

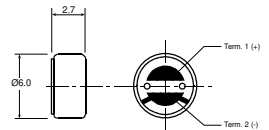
DIMENSION

Top View



Side View

Bottom View



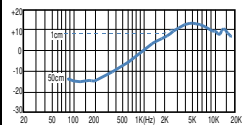
all dimensions are in mm

N6035



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	N6035CD464
Sensitivity (dB)	-46 +/- 4
Directivity	NOISE
Power Supply Vs (V)	2.0
Resistance Loading RL (Ω)	2.2K
Max Current (mA)	0.5
Frequency Range (Hz)	100 - 10000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 1.5 V (dB)	-3
S/N Ratio (dB)	> 60

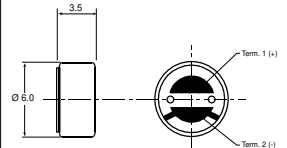
DIMENSION

Top View



Side View

Bottom View



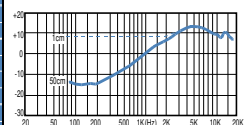
all dimensions are in mm

N6052



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	N6052BD504
Sensitivity (dB)	-50 +/- 4
Directivity	NOISE
Power Supply Vs (V)	1.5
Resistance Loading RL (Ω)	2.2K
Max Current (mA)	0.5
Frequency Range (Hz)	100 - 10000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 1 V (dB)	-3
S/N Ratio (dB)	> 60

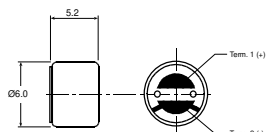
DIMENSION

Top View



Side View

Bottom View



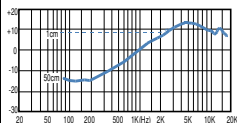
all dimensions are in mm

N9752



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

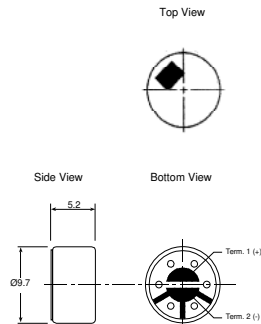
FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	N9752BA544
Sensitivity (dB)	-54 +/- 4
Directivity	NOISE
Power Supply Vs (V)	1.5
Resistance Loading RL (Ω)	680
Max Current (mA)	0.5
Frequency Range (Hz)	100 - 10000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 1.5 V (dB)	-3
S/N Ratio (dB)	> 60

DIMENSION



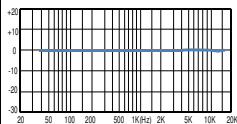
all dimensions are in mm

B6022



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

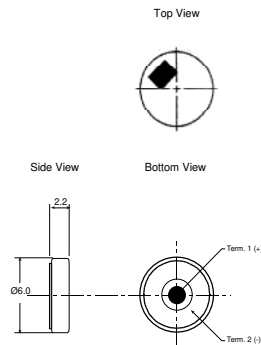
FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	B6022ED464
Sensitivity (dB)	-46 +/- 4
Directivity	BACK-OMNI
Power Supply Vs (V)	3.0
Resistance Loading RL (Ω)	2.2K
Max Current (mA)	0.5
Frequency Range (Hz)	50 - 16000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 2.5 V (dB)	-3
S/N Ratio (dB)	> 60

DIMENSION



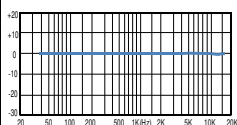
all dimensions are in mm

B6027



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

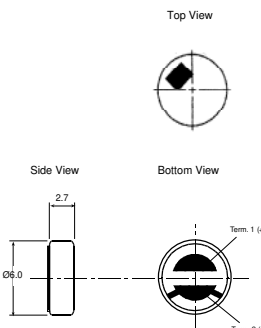
FREQUENCY RESPONSE CURVE



ELECTRICAL SPECIFICATIONS

Model No.	B6027ED464
Sensitivity (dB)	-46 +/- 4
Directivity	BACK-OMNI
Power Supply Vs (V)	3.0
Resistance Loading RL (Ω)	2.2K
Max Current (mA)	0.5
Frequency Range (Hz)	50 - 16000
Max. Operation Voltage (V)	10
Sensitivity Reduction within 2.5 V (dB)	-3
S/N Ratio (dB)	> 60

DIMENSION



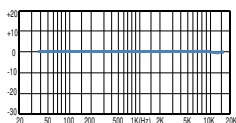
all dimensions are in mm

B6035



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE

**ELECTRICAL SPECIFICATIONS**

Model No.

B6035ED464

Sensitivity	(dB)	-46 +/- 4
Directivity		BACK-OMNI
Power Supply Vs	(V)	3.0
Resistance Loading RL	(Ω)	2.2K
Max Current	(mA)	0.5
Frequency Range	(Hz)	50 - 16000
Max. Operation Voltage	(V)	10
Sensitivity Reduction within 2.5 V (dB)		-3
S/N Ratio	(dB)	> 60

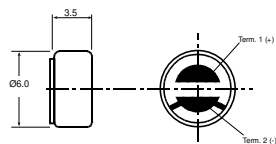
DIMENSION

Top View



Bottom View

Side View



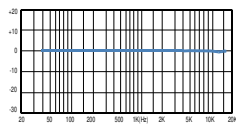
all dimensions are in mm

B6052



COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE

**ELECTRICAL SPECIFICATIONS**

Model No.

B6052ED464

Sensitivity	(dB)	-46 +/- 4
Directivity		BACK-OMNI
Power Supply Vs	(V)	3.0
Resistance Loading RL	(Ω)	2.2K
Max Current	(mA)	0.5
Frequency Range	(Hz)	50 - 16000
Max. Operation Voltage	(V)	10
Sensitivity Reduction within 2.5 V (dB)		-3
S/N Ratio	(dB)	> 60

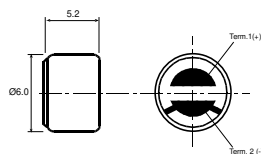
DIMENSION

Top View



Bottom View

Side View



all dimensions are in mm

The information contained herein is believed to be correct, but no guarantee or warranty, express or implied, with respect to accuracy, completeness or results is extended and no liability is assumed. Laube Technology reserves the right to make changes in any specification, data or material contained herein.