how to order

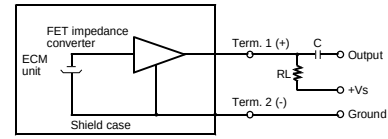
C	9 7	6 7	A	E	4 2	2	P
1	2	3	4	5	6	7	8

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 follow. 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



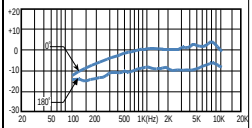
Series	Directivity*	Diameter (mm)	Height (mm)	Power Supply (Vs)	External Resistor Loading (Ω)	Sensitivity (dB)		Terminal*	Page No.
CF4012	Omni	4.0	1.2	2.0	2200	-42	+/-3	S	52
C4015	Omni	4.0	1.5	2.0	2200	-45	+/- 3	P / S	52
C4530	Omni	4.5	3.0	2.0	2200	-44,-46,-50	+/- 3	S	52
CF5822	Omni	5.8	2.2	2.0	2200	-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***

U8052

COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE



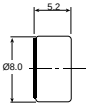
ELECTRICAL SPECIFICATIONS

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

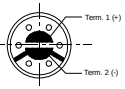
DIMENSION

Top View

Side View



Bottom View

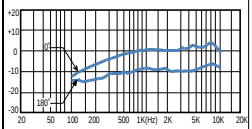


all dimensions are in mm

U9752

COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE



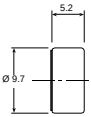
ELECTRICAL SPECIFICATIONS

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

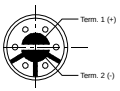
DIMENSION

Top View

Side View



Bottom View

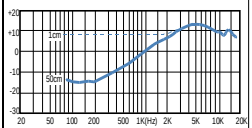


all dimensions are in mm

N4530

COLOUR	HOUSING	TERMINAL
SILVER	ALUMINUM	NIL

FREQUENCY RESPONSE CURVE



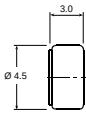
ELECTRICAL SPECIFICATIONS

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

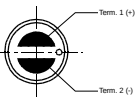
DIMENSION

Top View

Side View



Bottom View



all dimensions are in mm