

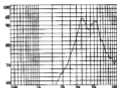


PIEZO CERAMIC TRANSDUCER

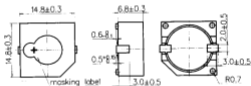
XYT14



FREQUENCY RESPONSE



DIMENSIONS (mm)



SPECIFICATIONS

Type	XYT14
Rated Voltage (V _r) Square Wave	12
Operating Voltage (V _o)	1-20
Rated Current (mA)	<3
Capacitance at 120Hz (pF)	1500±30%
Sound Output at 5000Hz, 10cm (dB)	>85
Resonant Frequency (Hz)	3000±500
Operating Temperature (°C)	-20 ~ +70
Storage Temperature (°C)	-30 ~ +80
Weight (g)	2

◆ value applying at rated voltage

PIEZO CERAMIC TRANSDUCER

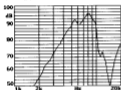
XY12 SERIES



DIMENSIONS Unit:mm



FREQUENCY RESPONSE



SPECIFICATIONS

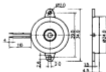
Type	XY12
Rated Voltage (Vp-p) Square Wave	15
Operating Voltage (Vp-p)	1-30
Rated Current (mA)	< 8
Capacitance at 120Hz (pF)	1800±10%
Sound Output at 5500Hz, 10cm (dB)	> 90
Resonant Frequency (Hz)	5500±700
Operating Temperature (°C)	-20~+70
Storage Temperature (°C)	-30~+80
Weight (g)	1.9

◆Value applying at rated voltage

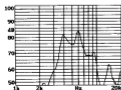
XY12C



DIMENSIONS Unit:mm



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY12C
Rated Voltage (Vp-p) Square Wave	10
Operating Voltage (Vp-p)	1-30
Rated Current (mA)	< 5
Capacitance at 120Hz (pF)	1700±10%
Sound Output at 4kHz, 10cm (dB)	> 80
Resonant Frequency (Hz)	4300±500
Operating Temperature (°C)	-25~+70
Storage Temperature (°C)	-30~+80
Weight (g)	2

◆Value applying at rated voltage

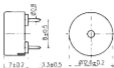


PIEZO CERAMIC TRANSDUCER

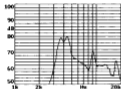
XY13



DIMENSIONS Unit:mm



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY13
Rated Voltage (V _r p, Square Wave)	3
Operating Voltage (V _o p)	1-30
Rated Current (mA)	< 1
Capacitance at 120Hz (pF)	12000±30%
Sound Output at 40Hz, 10cm (dB)	≥ 70
Resonant Frequency (Hz)	4000±500
Operating Temperature (°C)	-20~+60
Storage Temperature (°C)	-30~+75
Weight (g)	1

◆Value applying at rated voltage.

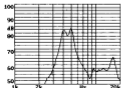
XY14



DIMENSIONS Unit:mm



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY14
Rated Voltage (V _r p, Square Wave)	5
Operating Voltage (V _o p)	1-20
Rated Current (mA)	< 1
Capacitance at 100Hz (pF)	15000±30%
Sound Output at 400Hz, 10cm (dB)	≥ 80
Resonant Frequency (Hz)	4000±500
Operating Temperature (°C)	-20~+70
Storage Temperature (°C)	-30~+85
Weight (g)	1

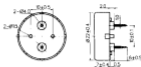
◆Value applying at rated voltage.

PIEZO CERAMIC TRANSDUCER

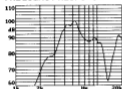
XY20B



DIMENSIONS Unit:mm



FREQUENCY RESPONSE



SPECIFICATIONS

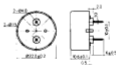
Type	XY20B
Rated Voltage (Vr.p. Square Wave)	15
Operating Voltage (Vr-p)	1-30
Rated Current (mA)	< 3
Capacitance (pF)	15000±30%
Sound Output at 40Hz, 10cm (dB)	> 85
Resonant Frequency (Hz)	4000±500
Operating Temperature (°C)	-20~+70
Storage Temperature (°C)	-30~+60
Weight (g)	2.5

◆Value applying at rated voltage

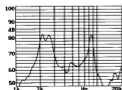
XY20C



DIMENSIONS Unit:mm



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY20C
Rated Voltage (Vr.p. Square Wave)	3
Operating Voltage (Vr-p)	1-30
Rated Current (mA)	< 1
Capacitance (pF)	19000±30%
Sound Output at 2000Hz, 10cm (dB)	> 75
Resonant Frequency (Hz)	2000±500
Operating Temperature (°C)	-20~+65
Storage Temperature (°C)	-30~+90
Weight (g)	3

◆Value applying at rated voltage

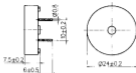


PIEZO CERAMIC TRANSDUCER

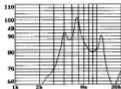
XY20K



DIMENSIONS (Unit:mm)



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY20K
Rated Voltage (Vp-p, Square Wave)	5
Operating Voltage (Vp-p)	1-30
Rated Current (mA)	< 1
Capacitance (pF)	18000±30%
Sound Output at 40Hz, 10cm (dB)	> 90
Resonant Frequency (Hz)	8000±500
Operating Temperature (°C)	-30~+70
Storage Temperature (°C)	-30~+80
Weight (g)	3

●value applying at rated voltage.

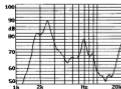
XY22



DIMENSIONS (Unit:mm)



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY22
Rated Voltage (Vp-p) Square Wave	3
Operating Voltage (Vp-p)	1-30
Rated Current (mA)	< 1
Capacitance at 100Hz (pF)	18000±30%
Sound Output at 2000Hz, 10cm (dB)	> 70
Resonant Frequency (Hz)	2000±500
Operating Temperature (°C)	-30~+70
Storage Temperature (°C)	-30~+80
Weight (g)	2

●value applying at rated voltage.

PIEZO CERAMIC TRANSDUCER



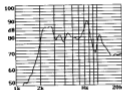
XY22A



DIMENSIONS Unit:mm



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY22A
Rated Voltage (Vp-p, Square Wave)	10
Operating Voltage (Vp-p)	1-30
Rated Current (mA)	4.3
Capacitance at 100Hz (pF)	10000±30%
Sound Output at 2500Hz, 10cm (dB)	> 80
Resonant Frequency (Hz)	2500±500
Operating Temperature (°C)	-20~+65
Storage Temperature (°C)	-30~+90
Weight (g)	1.5

●Value applying at rated voltage.

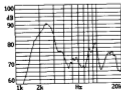
XY23



DIMENSIONS Unit:mm



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY23
Rated Voltage (Vp-p, Square Wave)	10
Operating Voltage (Vp-p)	1-30
Rated Current (mA)	4.3
Capacitance 100Hz (pF)	24000±30%
Sound Output at 2048Hz, 10cm (dB)	> 85
Resonant Frequency (Hz)	2048±500
Operating Temperature (°C)	-20~+70
Storage Temperature (°C)	-30~+90
Weight (g)	2

●Value applying at rated voltage.

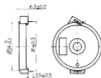


PIEZO CERAMIC TRANSDUCER

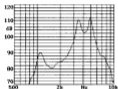
XY34



DIMENSIONS (mm)



FREQUENCY RESPONSE



SPECIFICATIONS

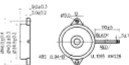
Type	XY34
Rated Voltage (V _{pp} , Square Wave)	10
Operating Voltage (V _{pp})	1-30
Rated Current (mA)	<3
Capacitance 120Hz (pF)	40000±30%
Sound Output at 100Hz, 10cm (dB)	>85
Resonant Frequency (Hz)	1000±300
Operating Temperature (°C)	-20~+70
Storage Temperature (°C)	-30~+80
Weight (g)	4

◆Value applying at rated voltage

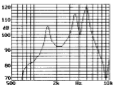
XY35



DIMENSIONS (mm)



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY35
Rated Voltage (V _{pp} , Square Wave)	10
Operating Voltage (V _{pp})	1-30
Rated Current (mA)	<3
Capacitance 120Hz (pF)	50000±30%
Sound Output at 1.1kHz, 10cm (dB)	>85
Resonant Frequency (Hz)	1100±500
Operating Temperature (°C)	-20~+80
Storage Temperature (°C)	-30~+80
Weight (g)	5

◆Value applying at rated voltage

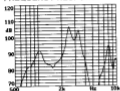
XY44



DIMENSIONS Unit:mm



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY44
Rated Voltage (Vp-p, Square Wave)	12
Operating Voltage (Vp-p)	1~30
Rated Current (mA)	< 3
Capacitance 120Hz (pF)	80000±30%
Sound Output at 1kHz, 10cm (dB)	> 85
Resonant Frequency (Hz)	1000±300
Operating Temperature (°C)	-30~+60
Storage Temperature (°C)	-30~+70
Weight (g)	12

◆Value applying at rated voltage

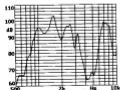
XY44A



DIMENSIONS Unit:mm



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY44A
Rated Voltage (Vp-p, Square Wave)	10
Operating Voltage (Vp-p)	1~30
Rated Current (mA)	< 3
Capacitance 120Hz (pF)	80000±30%
Sound Output at 1kHz, 15cm (dB)	> 85
Resonant Frequency (Hz)	1000±300
Operating Temperature (°C)	-40~+55
Storage Temperature (°C)	-40~+65
Weight (g)	12

◆Value applying at rated voltage



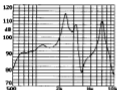
PIEZO CERAMIC TRANSDUCER

XY44D

DIMENSIONS Unit:mm



FREQUENCY RESPONSE



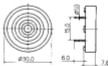
SPECIFICATIONS

Type	XY44D
Rated Voltage (Vp-p, Square Wave)	12
Operating Voltage (Vp-p)	1-30
Rated Current (mA)	<3
Capacitance 100Hz (pF)	8000±30%
Sound Output at 1kHz, 10cm (dB)	>85
Resonant Frequency (Hz)	1000±300
Operating Temperature (°C)	-20 ~ +70
Storage Temperature (°C)	-30 ~ +80
Weight (g)	10

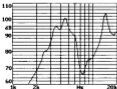
◆ Value applying at rated voltage.

XY132

DIMENSIONS Unit:mm



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY132
Rated Voltage (Vp-p, Square Wave)	5
Operating Voltage (Vp-p)	1-30
Rated Current (mA)	<3
Capacitance 100Hz (pF)	30000±30%
Sound Output at 4800Hz, 10cm (dB)	>90
Resonant Frequency (Hz)	4800±500
Operating Temperature (°C)	-20 ~ +65
Storage Temperature (°C)	-20 ~ +80
Weight (g)	5

◆ Value applying at rated voltage.

PIEZO CERAMIC TRANSDUCER



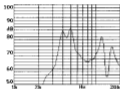
XY150



DIMENSIONS (Unit: mm)



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY150
Rated Voltage (V _{p-p} , Square Wave)	5
Operating Voltage (V _{p-p})	1-30
Rated Current (mA)	< 1
Capacitance (100Hz (pF))	15000±30%
Sound Output at 4000Hz (10cm (dB))	> 78
Resonant Frequency (Hz)	4000±500
Operating Temperature (°C)	-20~+60
Storage Temperature (°C)	-30~+70
Weight (g)	1

● Note: Applying at rated voltage.

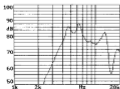
XY152



DIMENSIONS (Unit: mm)



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY152
Rated Voltage (V _{p-p} , Square Wave)	5
Operating Voltage (V _{p-p})	1-30
Rated Current (mA)	< 1
Capacitance (100Hz (pF))	10000±30%
Sound Output at 4000Hz (10cm (dB))	> 78
Resonant Frequency (Hz)	4000±500
Operating Temperature (°C)	-20~+60
Storage Temperature (°C)	-30~+70
Weight (g)	1

● Note: Applying at rated voltage.



PIEZO CERAMIC TRANSDUCER

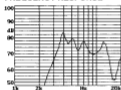
XY153



DIMENSIONS (mm)



FREQUENCY RESPONSE



SPECIFICATIONS

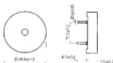
Type	XY153
Rated Voltage (V _r p, Square Wave)	5
Operating Voltage (V _o -p)	1-30
Rated Current (mA)	< 1
Capacitance 120Hz (pF)	15000±30%
Sound Output at 4000Hz, 11cm (dB)	> 78
Resonant Frequency (Hz)	4000±500
Operating Temperature (°C)	-20~+80
Storage Temperature (°C)	-30~+70
Weight (g)	1

●Value applying at rated voltage.

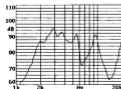
XY1130



DIMENSIONS (mm)



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY1130
Rated Voltage (V _r p, Square Wave)	10
Operating Voltage (V _o -p)	1-30
Rated Current (mA)	< 5
Capacitance 120Hz (pF)	30000±30%
Sound Output at 2800Hz, 10cm (dB)	> 90
Resonant Frequency (Hz)	2800±500
Operating Temperature (°C)	-20~+80
Storage Temperature (°C)	-30~+70
Weight (g)	5

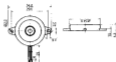
●Value applying at rated voltage.

PIEZO CERAMIC TRANSDUCER



XY12B

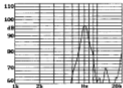
DIMENSIONS unit:mm



TEST CIRCUIT



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY12B
Rated Voltage (V _r)	12
Operating Voltage (V _o)	3-20
Rated Current (mA)	< 10
Capacitance (100Hz) (pF)	10000±30%
Sound Output at 10cm (dB)	> 85
Resonant Frequency (Hz)	8500±500
Operating Temperature (°C)	-20~+70
Storage Temperature (°C)	-30~+80
Weight (g)	1

◆Value applying at rated voltage.

XY24B

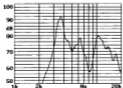
DIMENSIONS unit:mm



TEST CIRCUIT



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY24B
Rated Voltage (V _r)	12
Operating Voltage (V _o)	3-20
Rated Current (mA)	< 10
Capacitance (100Hz) (pF)	10000±30%
Sound Output at 15cm (dB)	> 80
Resonant Frequency (Hz)	3800±400
Operating Temperature (°C)	-20~+70
Storage Temperature (°C)	-30~+80
Weight (g)	3

◆Value applying at rated voltage.



PIEZO CERAMIC TRANSDUCER

XY24K

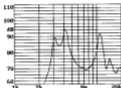
DIMENSIONS Unit:mm



TEST CIRCUIT



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY24K
Rated Voltage (V _{DC})	12
Operating Voltage (V _{DC})	3-20
Rated Current (mA)	4.15
Capacitance 100Hz (pF)	12000±20%
Sound Output at 10cm (dB)	>80
Resonant Frequency (Hz)	3600±500
Operating Temperature (°C)	-25~+60
Storage Temperature (°C)	-30~+70
Weight (g)	3

◆Value applying at rated voltage.

XY25

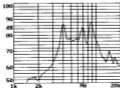
DIMENSIONS Unit:mm



TEST CIRCUIT



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY25
Rated Voltage (V _{DC})	12
Operating Voltage (V _{DC})	3-20
Rated Current (mA)	4.20
Capacitance 100Hz (pF)	18000±30%
Sound Output at 10cm (dB)	>80
Resonant Frequency (Hz)	3500±500
Operating Temperature (°C)	-25~+115
Storage Temperature (°C)	-35~+115
Weight (g)	3

◆Value applying at rated voltage.

PIEZO CERAMIC TRANSDUCER



XY23K,XY33K

DIMENSIONS Unit:mm

TEST CIRCUIT



Type	XY23K	XY33K
H	12.7	16.7
h	7.5	8
φ	29.5	33.5

FREQUENCY RESPONSE



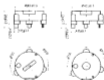
SPECIFICATIONS

Type	XY23K	XY33K
Rated Voltage (V _r)	10	
Operating Voltage (V _o)	3-20	
Rated Current (I _r), (mA)	< 0	
Capacitance (100Hz) (pF)	15000±30%	
Sound Output at 10cm (dB)	≥ 85	≥ 85
Resonant Frequency (Hz)	3500	4,2500
Frequency Range (Hz)	1800-4500	1500-5000
Operating Temperature (°C)	-20 ~ +70	
Storage Temperature (°C)	-20 ~ +80	
Weight (g)	0.2	7.8

● Value applying at rated voltage.

XY39

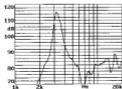
DIMENSIONS Unit:mm



TEST CIRCUIT



FREQUENCY RESPONSE



SPECIFICATIONS

Type	XY39
Rated Voltage (V _r)	5
Operating Voltage (V _o)	4.5-15
Rated Current (mA)	< 15
Capacitance (100Hz) (pF)	25000±30%
Sound Output at 30cm (dB)	≥ 95
Resonant Frequency (Hz)	3480±80
Operating Temperature (°C)	-20 ~ +70
Storage Temperature (°C)	-40 ~ +80
Weight (g)	18.5

● Value applying at rated voltage.



PIEZO CERAMIC TRANSDUCER

SPECIFICATIONS

Type	FY14	FY14A
Rated Voltage (V)	12	
Operating Voltage (V)	3-10	
Rated Current (mA)	< 7	< 10
Sound Output at 10cm (dB)	> 90	> 95
Resonant Frequency (Hz)	4800±500	4800±400
Operating Temperature (°C)	-20 ~ +70	
Storage Temperature (°C)	-30 ~ +80	
Weight (g)	1	

◆Value applying at rated voltage (DC)



SPECIFICATIONS

Type	FY24	FY24A
Rated Voltage (V)	12	
Operating Voltage (V)	3-20	
Rated Current (mA)	< 15	< 18
Sound Output at 10cm (dB)	> 95	> 95
Resonant Frequency (Hz)	3400±500	
Operating Temperature (°C)	-20 ~ +70	
Storage Temperature (°C)	-30 ~ +80	
Weight (g)	3	

◆Value applying at rated voltage (DC)



SPECIFICATIONS

Type	FY30
Rated Voltage (Vdc)	12
Operating Voltage (Vdc)	3-20
Rated Current I(F)DC(mA)	< 10
Sound Output at 10cm (dB)	> 90
Resonant Frequency (Hz)	3600±500
Operating Temperature (°C)	-30 ~ +85
Storage Temperature (°C)	-30 ~ +85
Weight (g)	8

◆Value applying at rated voltage (DC)



SPECIFICATIONS

Type	FY50
Rated Voltage (V)	12
Operating Voltage (V)	5-12
Rated Current (mA)	< 75
Sound Output at 20cm (dB)	> 108
Resonant Frequency (Hz)	2500±500
Operating Temperature (°C)	-20 ~ +80
Storage Temperature (°C)	-30 ~ +70
Weight (g)	31

◆Value applying at rated voltage (DC)



PIEZO CERAMIC TRANSDUCER

SPECIFICATIONS



Type	FY25K
Rated Voltage (V _r)	8
Operating Voltage (V _o)	3-12
Rated Current at BVDC (mA)	4.10
Sound Pressure Level (BVDC/30cm) (dB)	>93
Oscillating Frequency (Hz)	2800±500
Operating Temperature (°C)	-20~+60
Storage Temperature (°C)	-30~+70
Weight (g)	38

◆Value applying at rated voltage (DC).



SPECIFICATIONS



Type	FY25K
Rated Voltage (V)	12
Operating Voltage (V)	3-18
Rated Current (mA)	4.6
Sound Output at 30cm (dB)	>90
Resonant Frequency (Hz)	3700±500
Operating Temperature (°C)	-20~+60
Storage Temperature (°C)	-30~+70
Weight (g)	8

◆Value applying at rated voltage (DC).



SPECIFICATIONS



Type	FY25I
Rated Voltage (V)	12
Operating Voltage (V)	3-28
Rated Current (mA)	4.8
Sound Output at 30cm (dB)	>95
Resonant Frequency (Hz)	4500±500
Operating Temperature (°C)	-20~+70
Storage Temperature (°C)	-30~+80
Weight (g)	4

◆Value applying at rated voltage (DC).



SPECIFICATIONS



Type	FY254K/FY254K3
Rated Voltage (V)	12
Operating Voltage (V)	3-20
Rated Current (mA)	4.8
Sound Output at 30cm (dB)	>90
Resonant Frequency (Hz)	3700±500
Operating Temperature (°C)	-20~+60
Storage Temperature (°C)	-30~+70
Weight (g)	5

◆Value applying at rated voltage (DC).





PIEZO CERAMIC TRANSDUCER

SPECIFICATIONS

Type	FY400K
Rated Voltage (V _r)	12
Operating Voltage (V _o)	3-24
Rated Current 12VDC (mA)	< 8
Sound Output at 30cm (dB)	> 90
Resonant Frequency (Hz)	2000±500
Operating Temperature (°C)	-20~+80
Storage Temperature (°C)	-30~+70
Weight (g)	11

● Value applying at rated voltage (DC).



SPECIFICATIONS

Type	FY430	FY435	FY435
Rated Voltage (V _r)	12		
Operating Voltage (V _o)	3-24		3-24
Rated Current 12VDC (mA)	< 7		< 10
Sound Output at 30cm (dB)	> 90	> 100	> 90
Resonant Frequency (Hz)		2000±500	
Operating Temperature (°C)		-20~+80	
Storage Temperature (°C)		-30~+70	
Weight (g)		17	

● Value applying at rated voltage (DC).



SPECIFICATIONS

Type	FY500K	FY500K3	FY500KAS
Rated Voltage (V _r)	12		
Operating Voltage (V _o)	3-20		
Rated Current 12VDC (mA)		< 8	< 10
Sound Output at 30cm (dB)		> 85	> 90
Resonant Frequency (Hz)		2000±500	
Operating Temperature (°C)	-20~+80	-40~+85	20~+80
Storage Temperature (°C)	-30~+70	-40~+85	-30~+70
Weight (g)		5	

● Value applying at rated voltage (DC).



PIEZO CERAMIC TRANSDUCER



FY960/980

DIMENSIONS Unit:mm

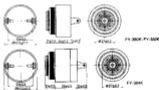


SPECIFICATIONS

Parameter	Condition	FY 960	FY 980
Supply Voltage (VDC)	Value 2V	1.5-1.8	6-15
	Value 2V	14.0	
Supply Current (mA)	Value 7.5V		30.3
	Value 8.0V	30.8	100.8
	Value 3.0V		
Fundamental Frequency (Hz)	Value 7.5V	2500	2500
	Value 8.0V		
	Value 3.0V	80	
Sound Pressure Level At 320° or 1m (dB)	Value 3.0V		94
	Value 7.5V	80	104
	Value 8.0V	80	104
Operating Temperature (°C)	Operating Temperature (°C)	-30 ~ +80	-30 ~ +80
Storage Temperature (°C)	Storage Temperature (°C)	-30 ~ +75	-30 ~ +75
Minimum Design Life (hr)		1000	1000

FY380K/381K/381KP /382K/384K

DIMENSIONS Unit:mm



SPECIFICATIONS

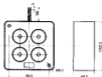
Parameter	Condition	FY 380K	FY 381K	FY 381KP	FY 382K	FY 384K
Supply Voltage (VDC, VAC/DC)		4-20			30-120	60-210
	Value 2V	< 4				
Supply Current (mA)	Value 2V	< 18			4.4	
	Value 30V				4.4	
	Value 60V/DC					4.4
	Value 120V/DC					4.4
Fundamental Frequency (Hz)				2500		
	Value 2V	80				
Sound Pressure Level (dB) At 1m or 30cm	Value 2V	85			80	
	Value 30V/DC				80	
	Value 60V/DC				80	
	Value 120V/DC				80	85
Minimum Design Life (hr)	Maximum Rated Voltage	1000				
Rated Pulse		80x20% at 12V	1.2Vx20% at 12V			80x80% at 12V
	Operating Temperature (°C)	-30°C ~ +80°C				
Storage Temperature (°C)	-30°C ~ +80°C					



PIEZO CERAMIC TRANSDUCER

FYE198

DIMENSIONS Unit:mm



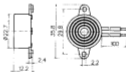
SPECIFICATIONS

Type	19T3120L	19T3240L	19H3120L	19H3240L
Rated Voltage (V _{DC})	12	24	12	24
Operating Voltage (V _{DC})	6-15	16-28	6-15	16-28
Rated Current (mA)	4196			
Sound Output at 30cm (dB)	>102		>97	
Resonant Frequency (Hz)	2000-2800(±500)		1600-2100	
Pulse Rated (Pulse/Sec)	NIL			
Tone	TWO		SINGN	
Terminal	LEAD			
Operating Temperature (°C)	-20~+50			
Storage Temperature (°C)	-30~+70			

*Value applying at rated voltage (DC)

FYE248

DIMENSIONS Unit:mm



SPECIFICATIONS

Type	2453120	2455120
Rated Voltage (V _{DC})	12	
Operating Voltage (V _{DC})	3-20	
Rated Current (mA)	4.8	
Sound Output at 30cm (dB)	>95	>90
Resonant Frequency (Hz)	2000(±50)	4500(±50)
Pulse Rated (Pulse/Sec)	NIL	
Tone	SINGLE	
Terminal	LEAD/PM	
Operating Temperature (°C)	-20~+40	
Storage Temperature (°C)	-30~+70	

*Value applying at rated voltage (DC)

