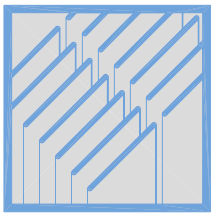


LT Series

Low Pressure Drop and
Low Thermal Resistance Heat Sink

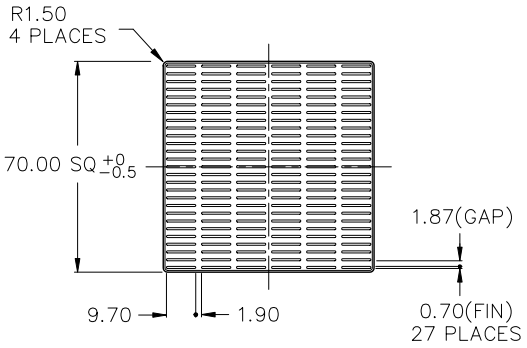
ALPHA

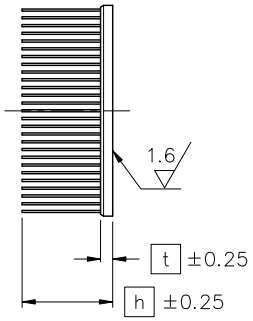
ALPHA

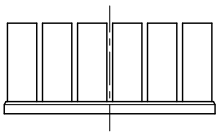
Low Pressure Drop and Low Thermal Resistance Heat Sink

LT70

DIM





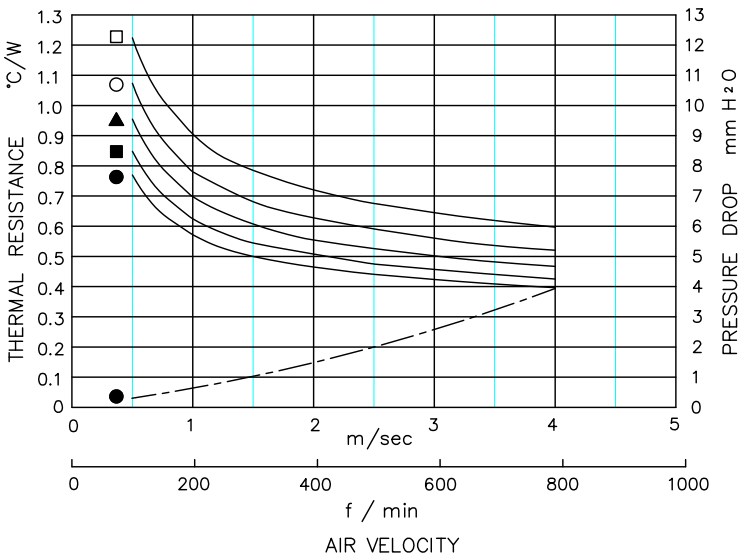


HEAT SINK
MATERIAL : A 6063
FINISH : CLEAR ANODIZE

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
LT70−20W	20.0	3.0	87.6
LT70−25W	25.0	3.5	106.9
LT70−30W	30.0	4.0	126.2
LT70−35W	35.0		140.4
LT70−40W	40.0	5.0	164.8

Dimensions : mm

DATA



● Thermal Resistance (Ducted)
(Solid Line ———)
● Pressure Drop
(Center Line —·—)

□ LT70−20W
○ LT70−25W
▲ LT70−30W
■ LT70−35W
● LT70−40W

■ Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)
Dummy Heater Size : 12.7SQ mm

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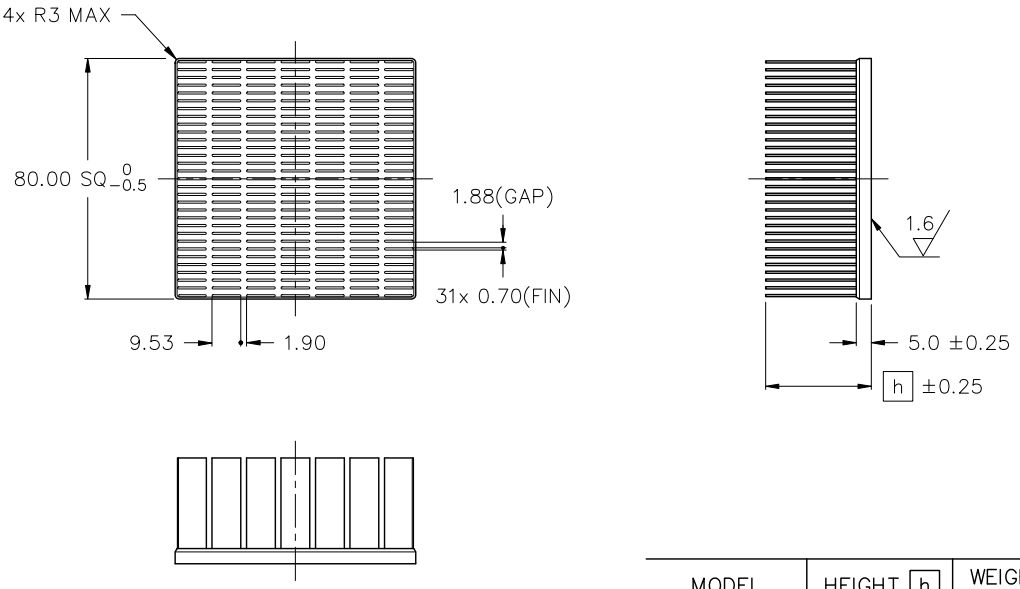
ALPHA

Low Pressure Drop and Low Thermal Resistance Heat Sink

LT80

DIM

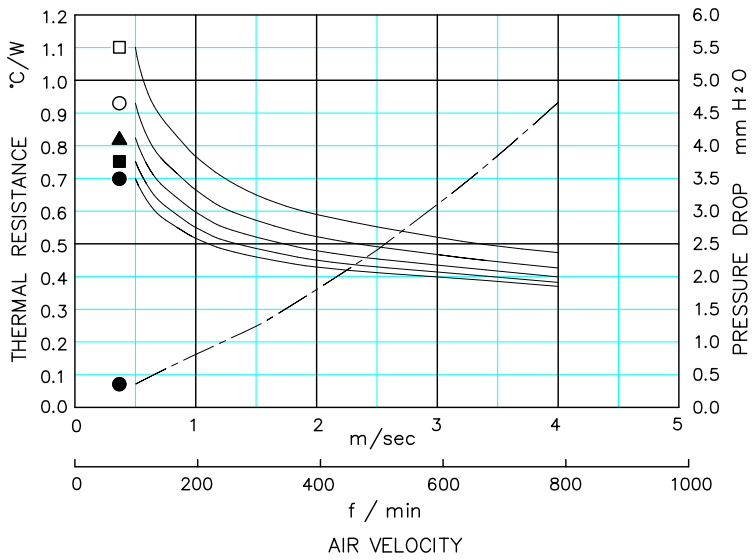


HEAT SINK
MATERIAL : A 6063
FINISH : CLEAR ANODIZE

MODEL	HEIGHT [h]	WEIGHT (grams)
LT80−20W	20.0	143.1
LT80−25W	25.0	162.3
LT80−30W	30.0	181.5
LT80−35W	35.0	200.8
LT80−40W	40.0	220.0

Dimensions : mm

DATA



Thermal Resistance (Ducted)
(Solid Line ———)
Pressure Drop
(Center Line —·—)

□ LT80−20W
○ LT80−25W
▲ LT80−30W
■ LT80−35W
● LT80−40W

Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)
Dummy Heater Size : 12.7SQ mm

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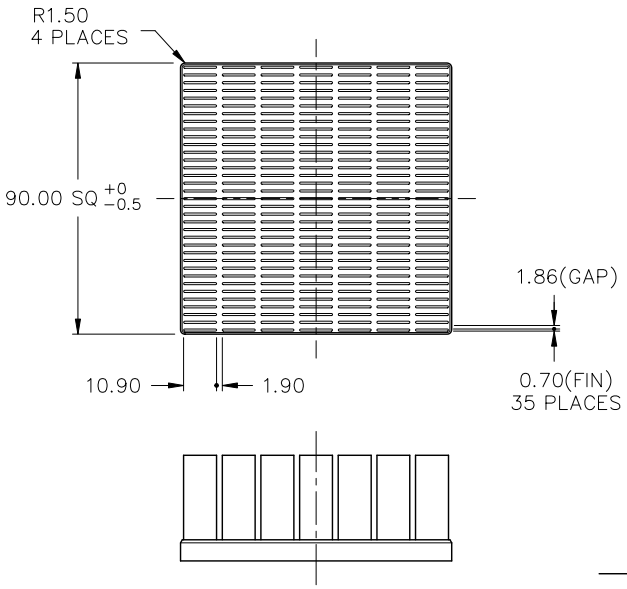
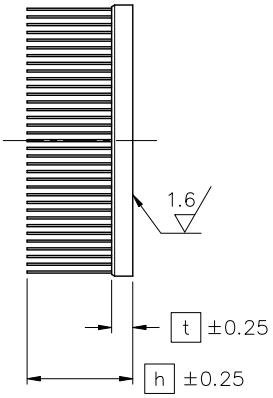
ALPHA

Low Pressure Drop and
Low Thermal Resistance Heat Sink

LT90

DIM



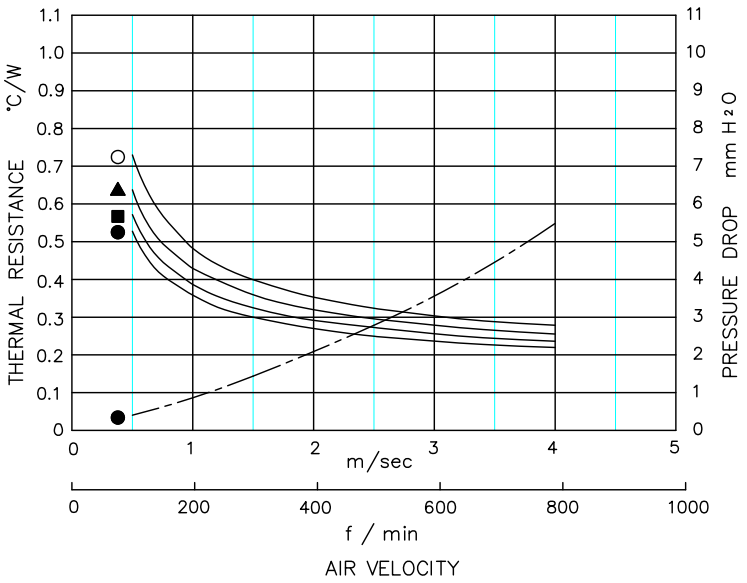


HEAT SINK
MATERIAL : A 6063
FINISH : CLEAR ANODIZE

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
LT90−25W	25.0	6.0	221.6
LT90−30W	30.0		245.6
LT90−35W	35.0	7.0	286.5
LT90−40W	40.0		310.5

Dimensions : mm

DATA



● Thermal Resistance (Ducted)
(Solid Line ———)
● Pressure Drop
(Center Line —·—)

○ LT90−25W
▲ LT90−30W
■ LT90−35W
● LT90−40W

■ Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)
Dummy Heater Size : 25.0SQ mm

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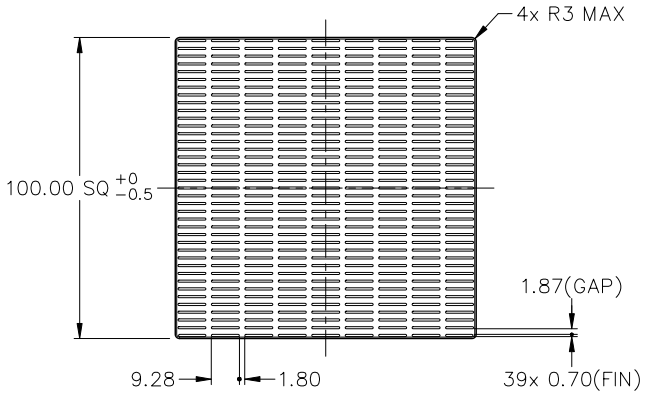
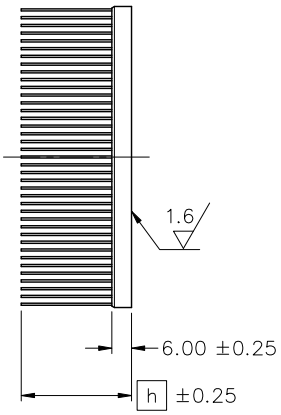
ALPHA

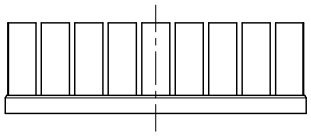
Low Pressure Drop and Low Thermal Resistance Heat Sink

LT100

DIM





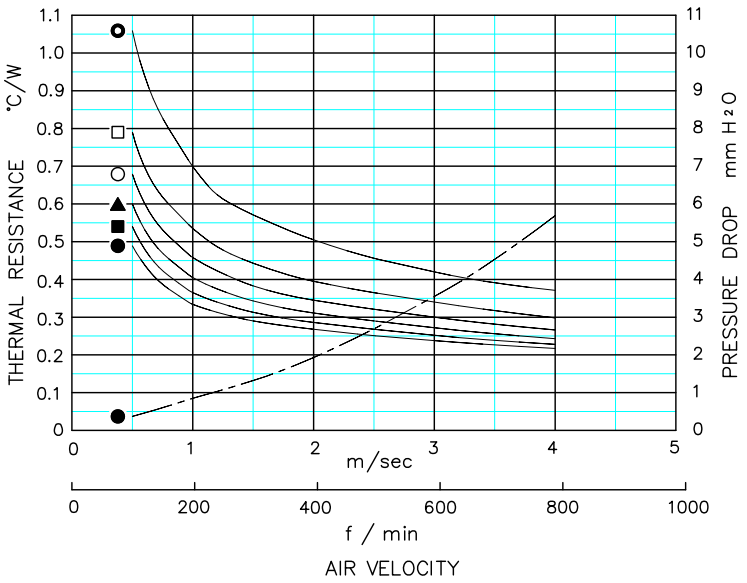


HEAT SINK
MATERIAL : A 6063
FINISH : CLEAR ANODIZE

MODEL	HEIGHT [h]	WEIGHT (grams)
LT100−15W	15.0	215.2
LT100−20W	20.0	245.5
LT100−25W	25.0	275.7
LT100−30W	30.0	306.0
LT100−35W	35.0	336.3
LT100−40W	40.0	366.6

Dimensions : mm

DATA



● Thermal Resistance (Ducted)
(Solid Line ———)
● Pressure Drop
(Center Line —·—)

- ○ LT100−15W
- □ LT100−20W
- ○ LT100−25W
- ▲ LT100−30W
- ■ LT100−35W
- ● LT100−40W

■ Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)
Dummy Heater Size : 25.0SQ mm

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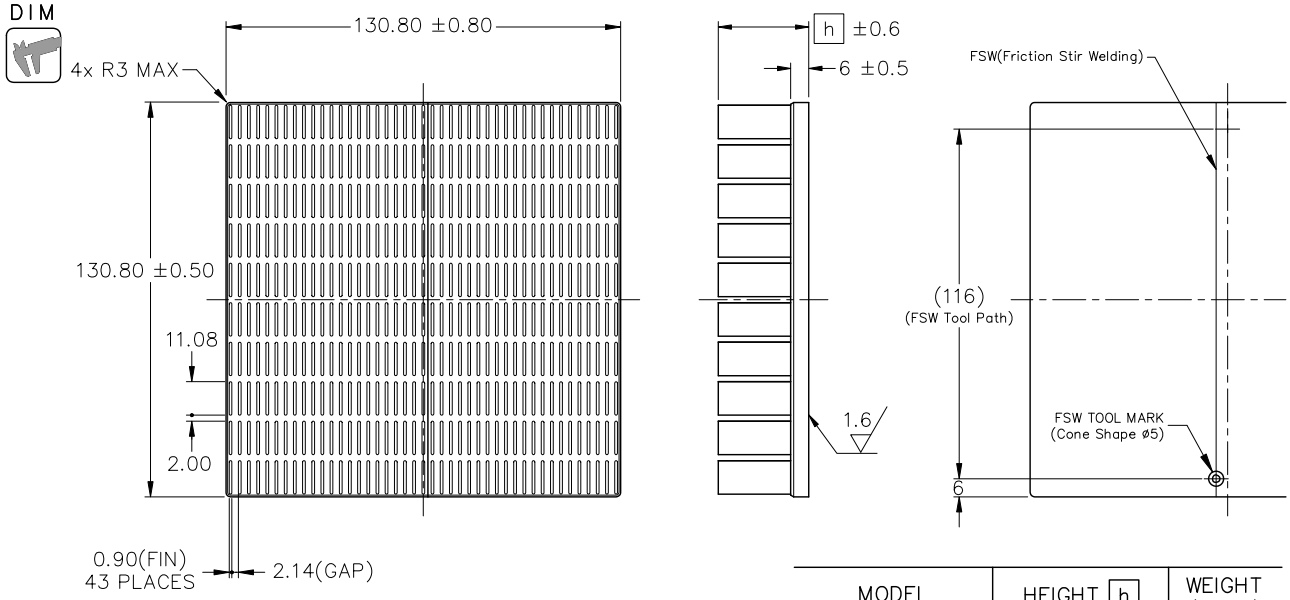
ALPHA

Low Pressure Drop and
Low Thermal Resistance Heat Sink

LT130

DIM

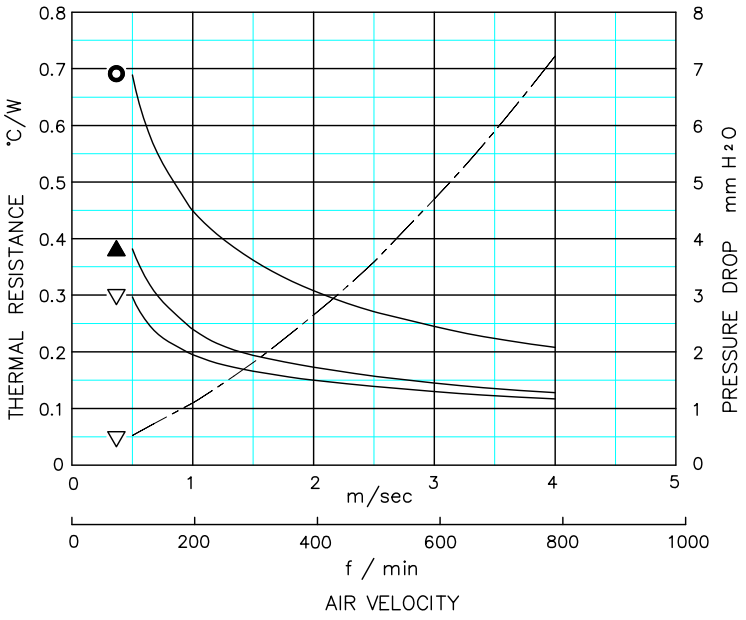


MODEL	HEIGHT h	WEIGHT (grams)
LT130−15W	15.0	378.7
LT130−20W	20.0	435.8
LT130−25W	25.0	492.9
LT130−30W	30.0	550.0
LT130−35W	35.0	607.1
LT130−40W	40.0	664.2
LT130−45W	45.0	721.3

Dimensions : mm

HEAT SINK
MATERIAL : A 6063
FINISH : CLEAR ANODIZE

DATA



● Thermal Resistance (Ducted)
(Solid Line ———)
● Pressure Drop
(Center Line —·—)

○ LT130−15W
▲ LT130−30W
▽ LT130−45W

■ Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)
Dummy Heater Size : 70 SQ mm

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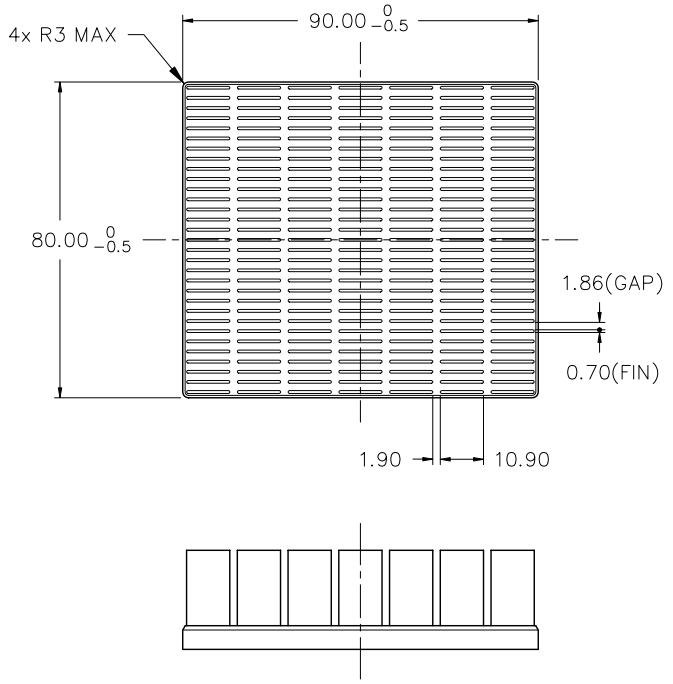
ALPHA

Low Pressure Drop and Low Thermal Resistance Heat Sink

LT8090

DIM

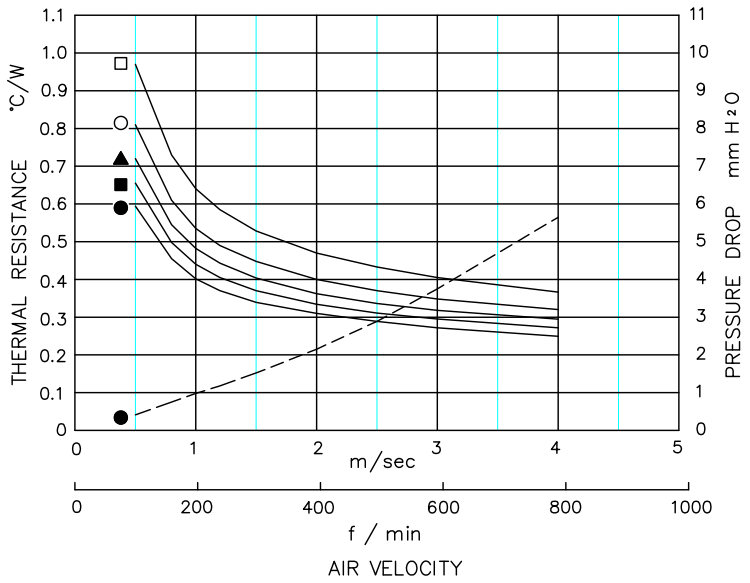


HEAT SINK
MATERIAL : A 6063
FINISH : CLEAR ANODIZE

MODEL	HEIGHT h	WEIGHT (grams)
LT8090−20W	20.0	150.1
LT8090−25W	25.0	162.4
LT8090−30W	30.0	174.6
LT8090−35W	35.0	186.9
LT8090−40W	40.0	199.1

Dimensions : mm

DATA



● Thermal Resistance (Ducted)
(Solid Line ———)
● Pressure Drop
(Center Line —·—)

□ LT8090−20W
○ LT8090−25W
▲ LT8090−30W
■ LT8090−35W
● LT8090−40W

■ Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)
Dummy Heater Size : 25.0SQ mm

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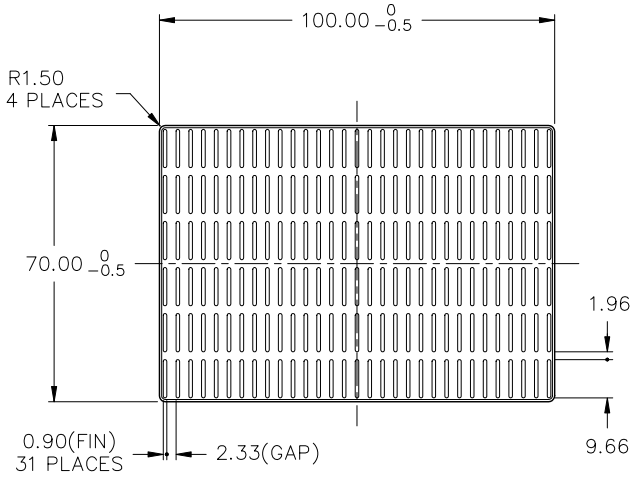
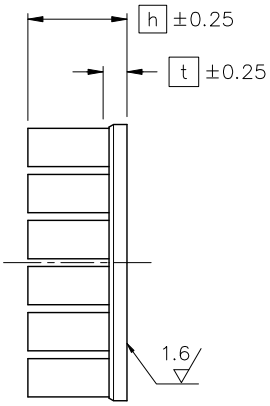
ALPHA

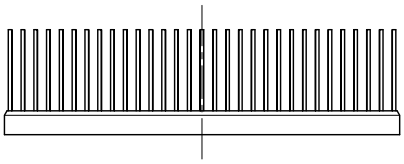
Low Pressure Drop and Low Thermal Resistance Heat Sink

LT10070

DIM





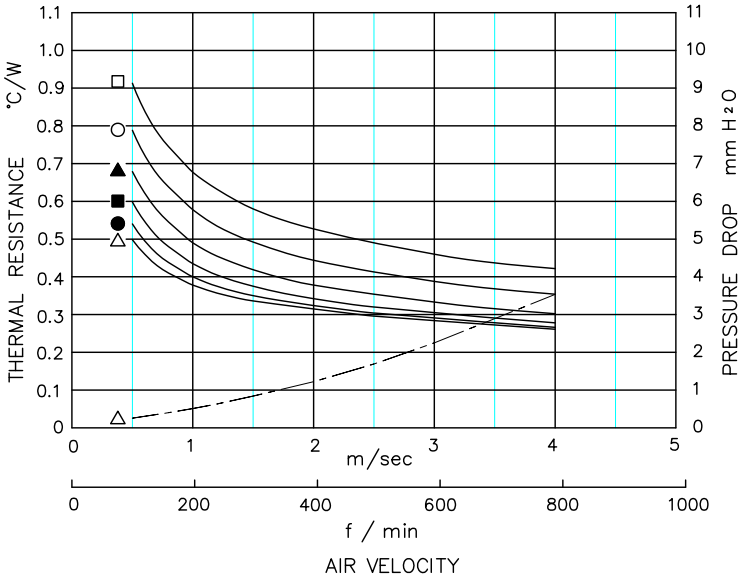


HEAT SINK
MATERIAL : A 6063
FINISH : CLEAR ANODIZE

MODEL	HEIGHT h	THICKNESS t	WEIGHT (grams)
LT10070−20W	20.0	4.0	143.5
LT10070−25W	25.0		164.9
LT10070−30W	30.0	6.0	215.3
LT10070−35W	35.0		236.8
LT10070−40W	40.0		258.2
LT10070−45W	45.0		279.7

Dimensions : mm

DATA



● Thermal Resistance (Ducted)
(Solid Line ———)
● Pressure Drop
(Center Line —·—)

□ LT10070−20W
○ LT10070−25W
▲ LT10070−30W
■ LT10070−35W
● LT10070−40W
△ LT10070−45W

■ Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)
Dummy Heater Size : 25.0SQ mm

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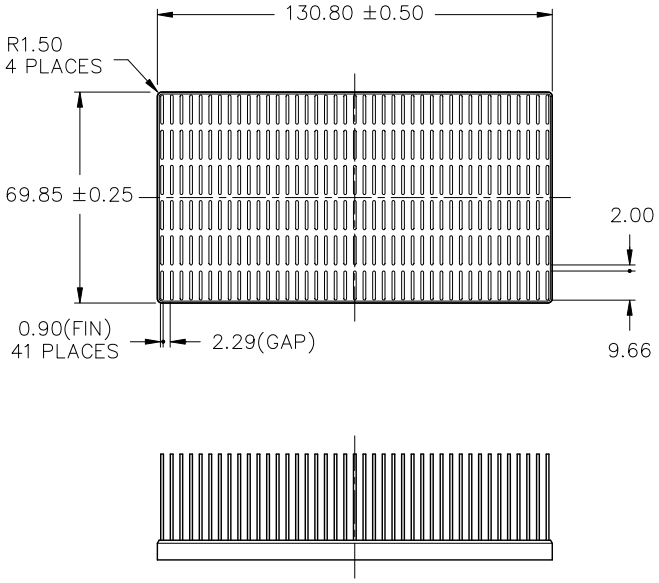
ALPHA

Low Pressure Drop and Low Thermal Resistance Heat Sink

LT13070

DIM

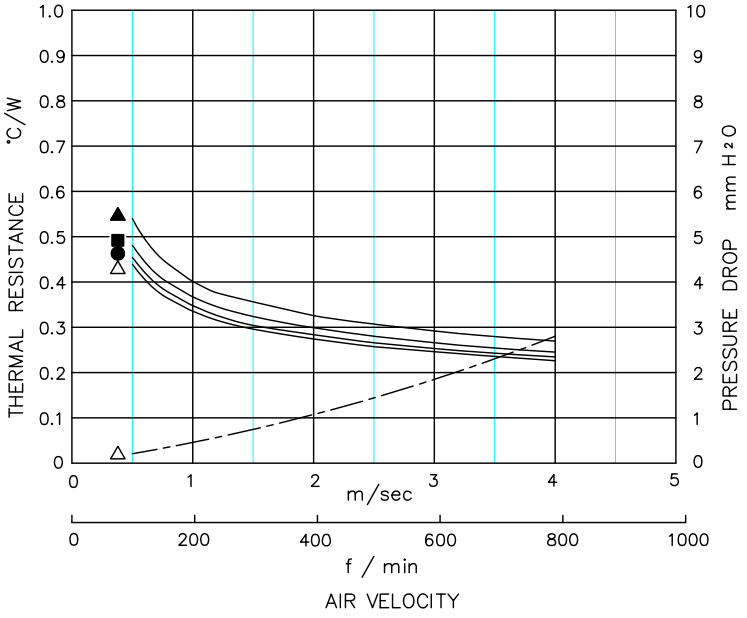


HEAT SINK
MATERIAL : A 6063
FINISH : CLEAR ANODIZE

MODEL	HEIGHT h	WEIGHT (grams)
LT13070−30W	30.0	287.1
LT13070−35W	35.0	314.2
LT13070−40W	40.0	341.3
LT13070−45W	45.0	368.4

Dimensions : mm

DATA



● Thermal Resistance (Ducted)
(Solid Line ———)
● Pressure Drop
(Center Line —·—)

▲ LT13070−30W
■ LT13070−35W
● LT13070−40W
△ LT13070−45W

■ Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)
Dummy Heater Size : 25.0SQ mm

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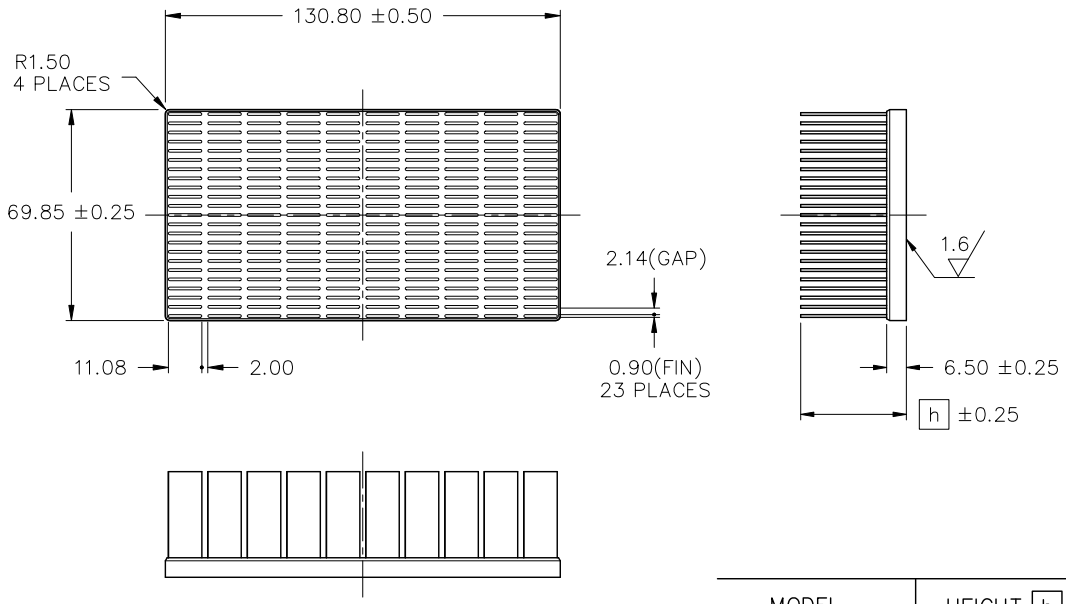
ALPHA

Low Pressure Drop and Low Thermal Resistance Heat Sink

LT70130

DIM

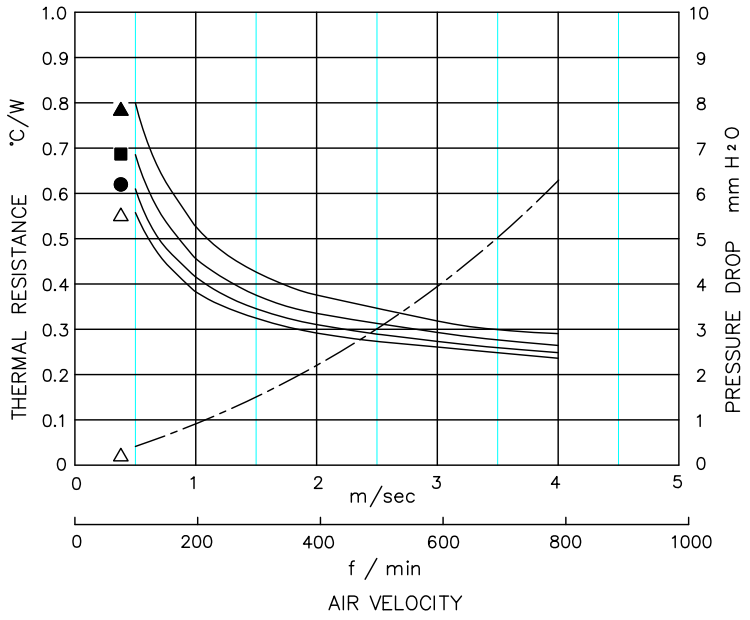


HEAT SINK
MATERIAL : A 6063
FINISH : CLEAR ANODIZE

MODEL	HEIGHT h	WEIGHT (grams)
LT70130−30W	30.0	297.1
LT70130−35W	35.0	326.3
LT70130−40W	40.0	355.5
LT70130−45W	45.0	384.7

Dimensions : mm

DATA



● Thermal Resistance (Ducted)
(Solid Line ———)
● Pressure Drop
(Center Line —·—)

▲ LT70130−30W
■ LT70130−35W
● LT70130−40W
△ LT70130−45W

■ Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)
Dummy Heater Size : 25.0SQ mm

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