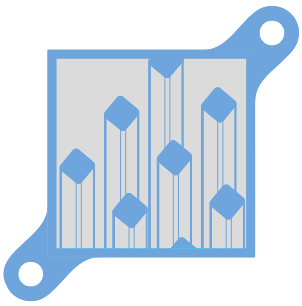


SR Series

Omnidirectional Heat Sink

with Mounting Tabs

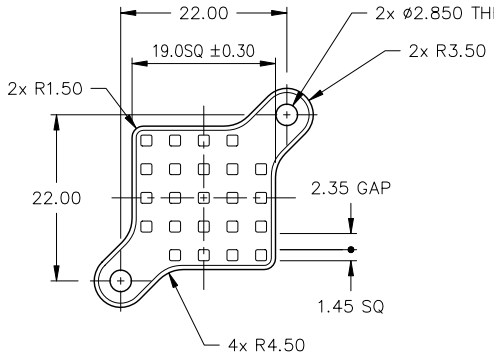
ALPHA

ALPHA

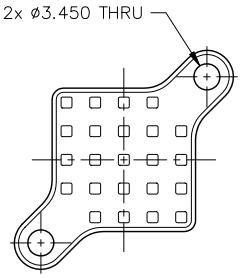
Omnidirectional Heat Sink with Mounting Tabs

SR19

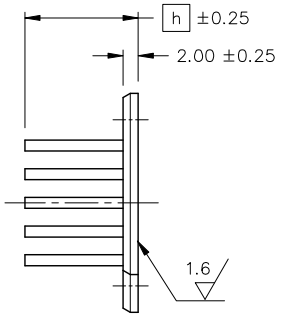
DIM



SR19–XXBC
FOR ø2.500 ±0.05 PCB HOLES



SR19–XXB
FOR ø3.175 ±0.05 PCB HOLES

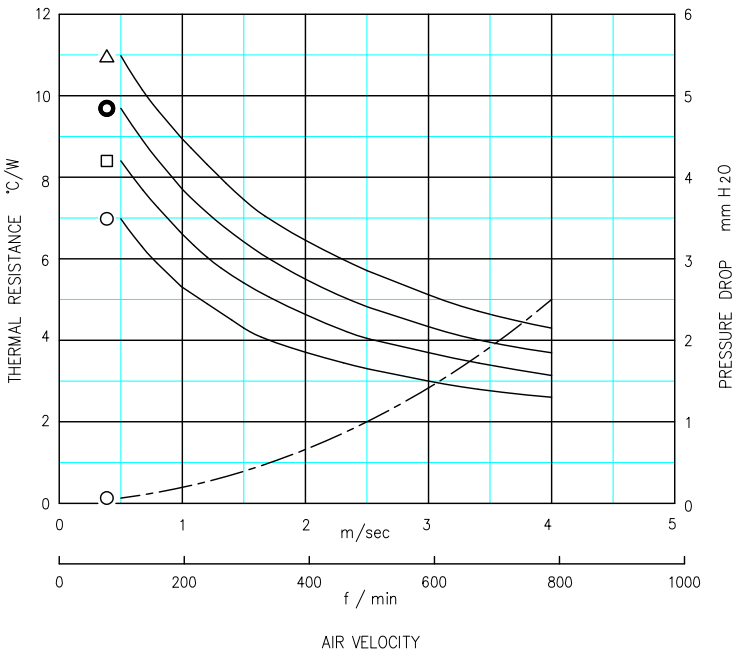


MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

MODEL	HEIGHT h	WEIGHT (grams)
SR19–8BC	8	3.1
SR19–10BC	10	3.3
SR19–12BC	12	3.6
SR19–15BC	15	4.0
SR19–20BC	20	4.6

MODEL	HEIGHT h	WEIGHT (grams)
SR19–8B	8	3.0
SR19–10B	10	3.3
SR19–12B	12	3.6
SR19–15B	15	3.9
SR19–20B	20	4.6

DATA



△ SR19–10BC, SR19–10B
◎ SR19–12BC, SR19–12B
□ SR19–15BC, SR19–15B
○ SR19–20BC, SR19–20B

DUCTED CONDITION
DUMMY HEATER SIZE: 12.7 SQ
THERMAL RESISTANCE ——————
PRESURE DROP —— - ——

BASED ON ALPHA'S STANDARD TEST PROCEDURE.
REFER TO TECHNICAL INFORMATION.

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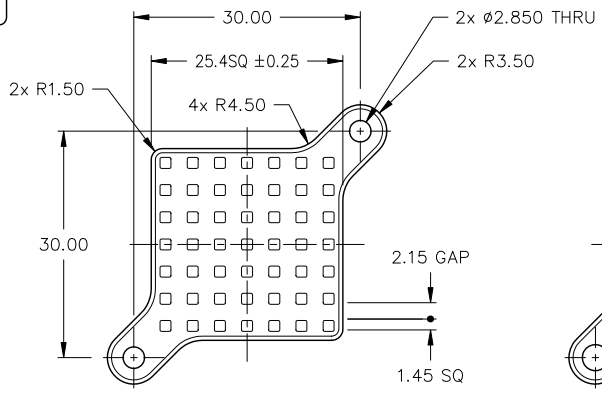
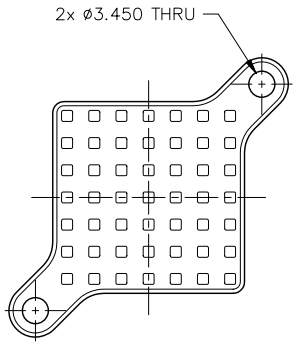
ALPHA Omnidirectional Heat Sink with Mounting Tabs SR25

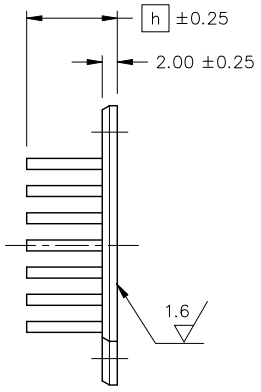
DIM



SR25−XXBC
FOR ø2.500 ±0.05 PCB HOLES



SR25−XXB
FOR ø3.175 ±0.05 PCB HOLES

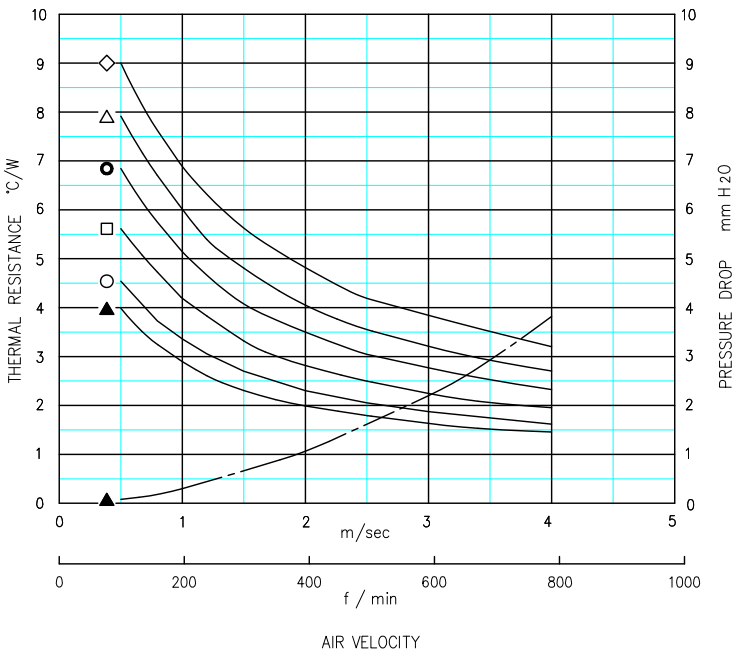


MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

MODEL	HEIGHT h	WEIGHT (grams)
SR25−8BC	8	5.5
SR25−10BC	10	6.1
SR25−12BC	12	6.6
SR25−15BC	15	7.5
SR25−20BC	20	8.8
SR25−25BC	25	10.2

MODEL	HEIGHT h	WEIGHT (grams)
SR25−8B	8	5.5
SR25−10B	10	6.1
SR25−12B	12	6.6
SR25−15B	15	7.4
SR25−20B	20	8.8
SR25−25B	25	10.2

DATA



◇ SR25−8BC, SR25−8B
△ SR25−10BC, SR25−10B
○ SR25−12BC, SR25−12B
□ SR25−15BC, SR25−15B
○ SR25−20BC, SR25−20B
▲ SR25−25BC, SR25−25B

DUCTED CONDITION
DUMMY HEATER SIZE: 12.7 SQ
THERMAL RESISTANCE ——————
PRESURE DROP —— - ——

BASED ON ALPHA'S STANDARD TEST PROCEDURE.
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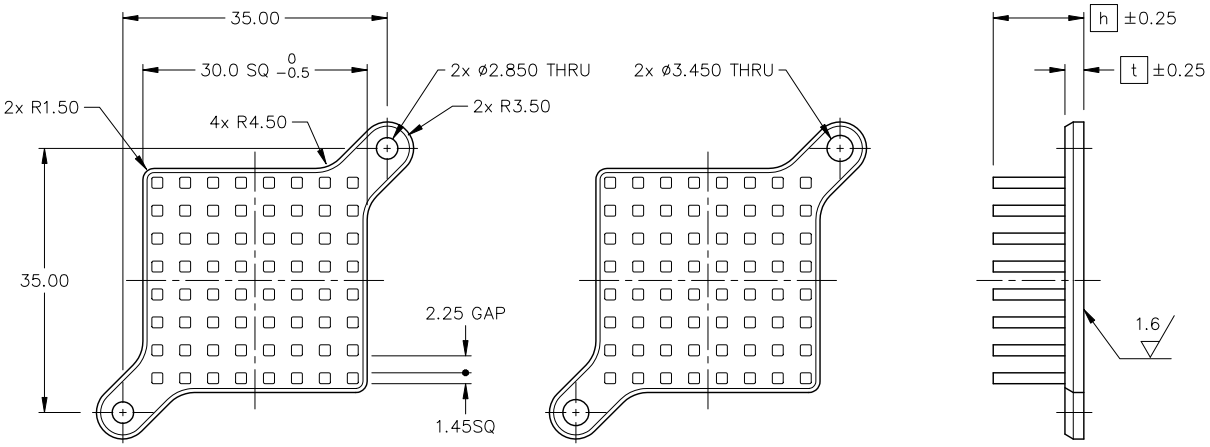
ALPHA

Omnidirectional Heat Sink with Mounting Tabs

SR30

DIM



SR30−XXBC
FOR ø2.500 ±0.05 PCB HOLES

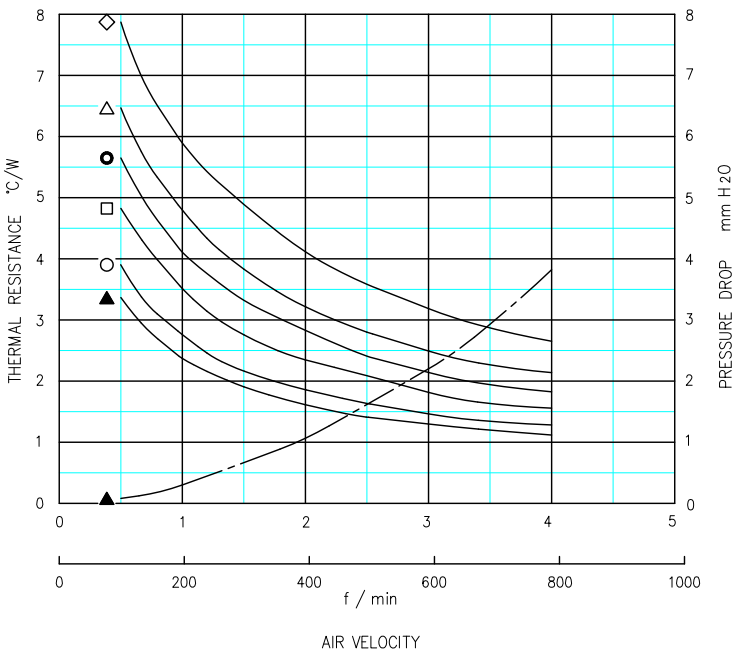
SR30−XXB
FOR ø3.175 ±0.05 PCB HOLES

MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
SR30−8BC	8	2.00	7.4
SR30−10BC	10	2.50	9.2
SR30−12BC	12		9.9
SR30−15BC	15		11.0
SR30−20BC	20		12.8
SR30−25BC	25		14.6
SR30−[h]BC	[h]≦8	2.00	−
	8<[h]	2.50	−

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
SR30−8B	8	2.00	7.3
SR30−10B	10	2.50	9.2
SR30−12B	12		9.9
SR30−15B	15		11.0
SR30−20B	20		12.7
SR30−25B	25		14.5
SR30−[h]B	[h]≦8	2.00	−
	8<[h]	2.50	−

DATA



◇ SR30−8BC, SR30−8B
△ SR30−10BC, SR30−10B
◎ SR30−12BC, SR30−12B
□ SR30−15BC, SR30−15B
○ SR30−20BC, SR30−20B
▲ SR30−25BC, SR30−25B

● DUCTED CONDITION
DUMMY HEATER SIZE: 12.7 SQ
THERMAL RESISTANCE ——————
PRESURE DROP —— - ——

■ BASED ON ALPHA'S STANDARD TEST PROCEDURE.
REFER TO TECHNICAL INFORMATION.

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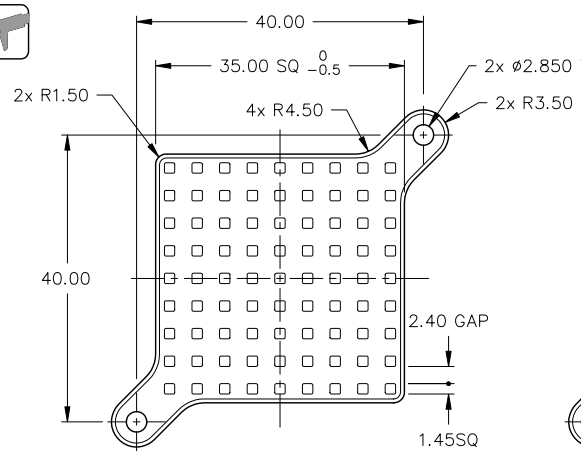
ALPHA

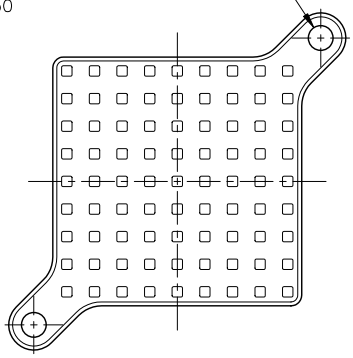
Omnidirectional Heat Sink with Mounting Tabs

SR35

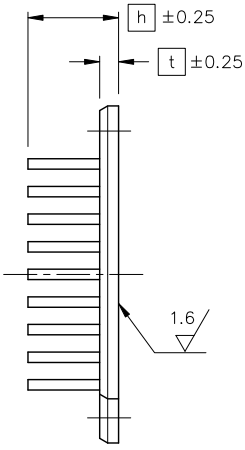
DIM



SR35-XXBC
FOR ø2.500 ±0.05 PCB HOLES



SR35-XXB
FOR ø3.175 ±0.05 PCB HOLES

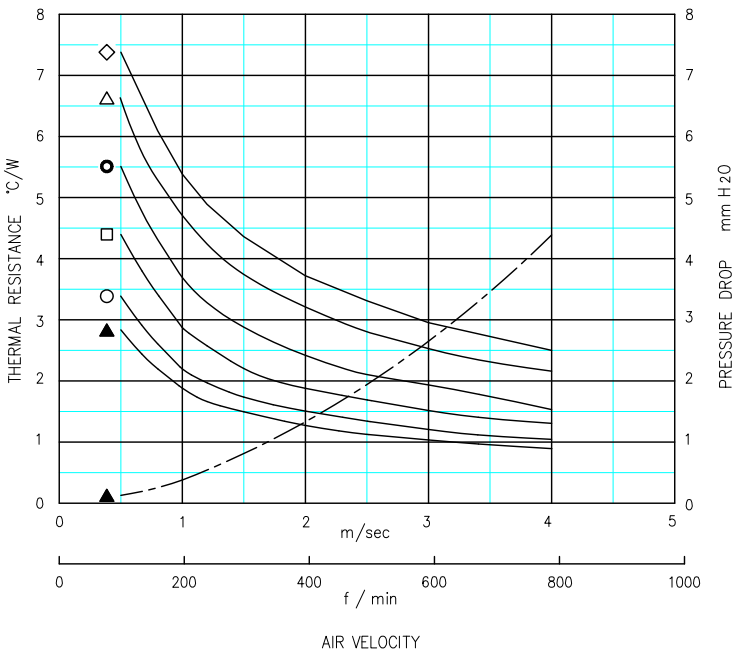


MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
SR35-8BC	8	2.00	9.6
SR35-10BC	10	3.00	13.6
SR35-12BC	12		14.5
SR35-15BC	15		15.9
SR35-20BC	20		18.2
SR35-25BC	25		20.4
SR35-[h]BC	[h]≦8	2.00	–
	8<[h]	3.00	–

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
SR35-8B	8	2.00	9.6
SR35-10B	10	3.00	13.6
SR35-12B	12		14.5
SR35-15B	15		15.8
SR35-20B	20		18.1
SR35-25B	25		20.4
SR35-[h]B	[h]≦8	2.00	–
	8<[h]	3.00	–

DATA



◇ SR35-8BC, SR35-8B
△ SR35-10BC, SR35-10B
○ SR35-12BC, SR35-12B
□ SR35-15BC, SR35-15B
○ SR35-20BC, SR35-20B
▲ SR35-25BC, SR35-25B

● DUCTED CONDITION
DUMMY HEATER SIZE: 12.7 SQ
THERMAL RESISTANCE ——————
PRESURE DROP —— - ——

■ BASED ON ALPHA'S STANDARD TEST PROCEDURE.
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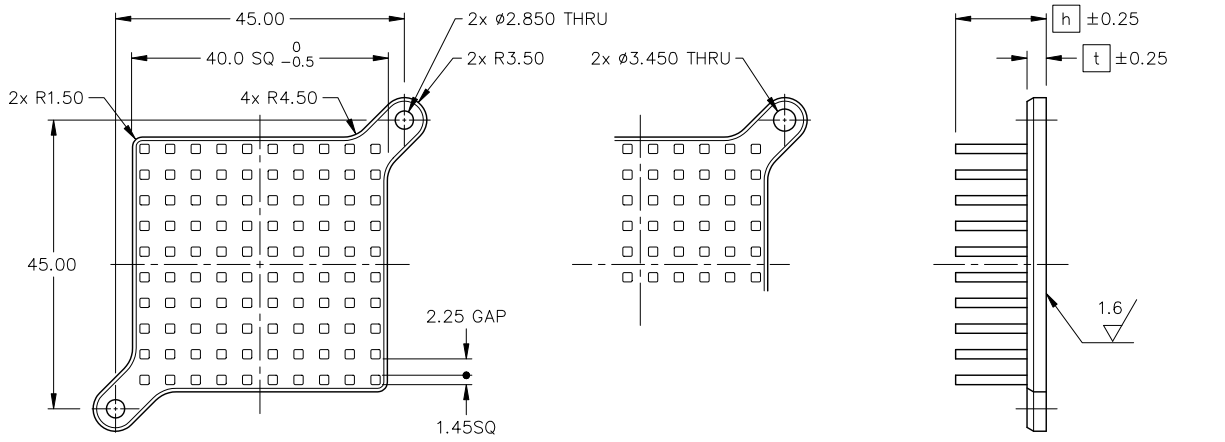
ALPHA

Omnidirectional Heat Sink with Mounting Tabs

SR40

DIM



SR40−XXBC
FOR ø2.500 ±0.05 PCB HOLES

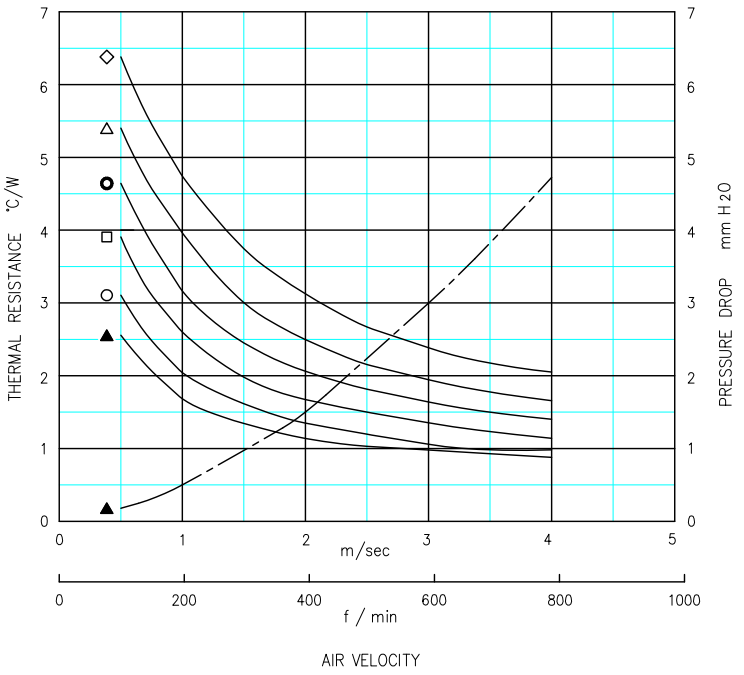
SR40−XXB
FOR ø3.175 ±0.05 PCB HOLES

MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
SR40−8BC	8	2.50	14.3
SR40−10BC	10	3.00	17.4
SR40−12BC	12		18.5
SR40−15BC	15		20.2
SR40−20BC	20		23.0
SR40−25BC	25		25.7
SR40−[h]BC	[h] ≦ 8	2.50	−
	8 < [h]	3.00	−

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
SR40−8B	8	2.50	14.2
SR40−10B	10	3.00	17.3
SR40−12B	12		18.4
SR40−15B	15		20.1
SR40−20B	20		22.9
SR40−25B	25		25.7
SR40−[h]B	[h] ≦ 8	2.50	−
	8 < [h]	3.00	−

DATA



◇ SR40−8BC, SR40−8B
△ SR40−10BC, SR40−10B
◎ SR40−12BC, SR40−12B
□ SR40−15BC, SR40−15B
○ SR40−20BC, SR40−20B
▲ SR40−25BC, SR40−25B

● DUCTED CONDITION
DUMMY HEATER SIZE: 12.7 SQ
THERMAL RESISTANCE ——————
PRESURE DROP —— - ——

■ BASED ON ALPHA'S STANDARD TEST PROCEDURE.
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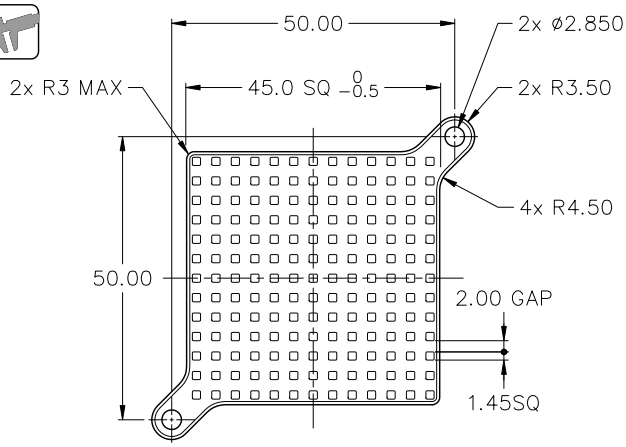
ALPHA

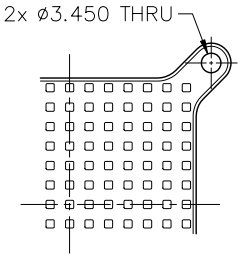
Omnidirectional Heat Sink with Mounting Tabs

SR45

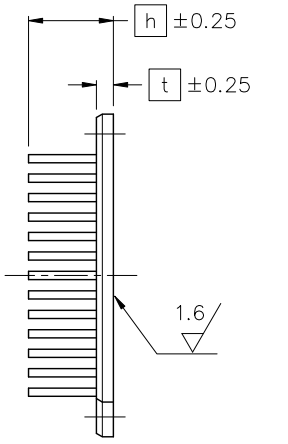
DIM



SR45−XXBC
FOR ø2.500 ±0.05 PCB HOLES



SR45−XXB
FOR ø3.175 ±0.05 PCB HOLES

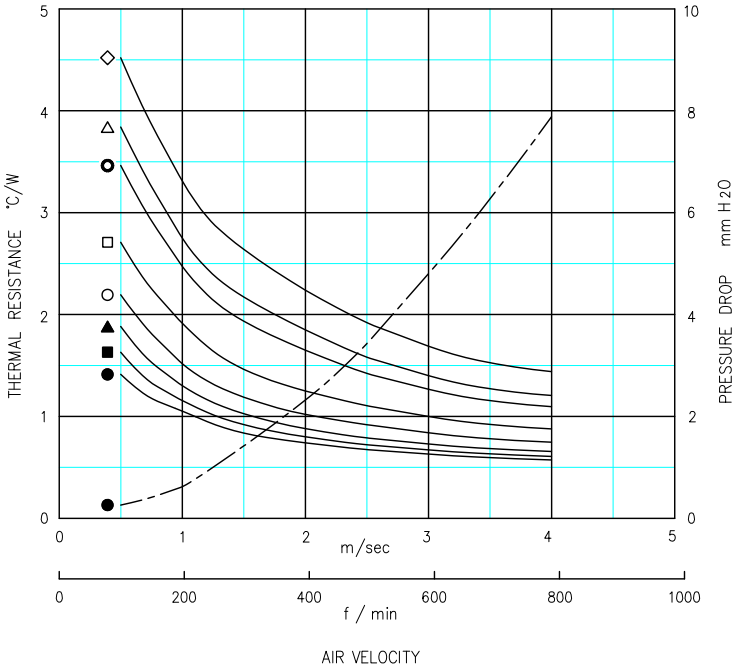


MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
SR45−8BC	8	2.50	19.3
SR45−10BC	10	3.00	23.5
SR45−12BC	12		25.4
SR45−15BC	15		28.2
SR45−20BC	20		32.9
SR45−25BC	25		37.6
SR45−30BC	30		42.3
SR45−35BC	35		47.0
SR45−[h]BC	[h]≦8	2.50	−
	8<[h]	3.00	−

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
SR45−8B	8	2.50	19.2
SR45−10B	10	3.00	23.4
SR45−12B	12		25.3
SR45−15B	15		28.1
SR45−20B	20		32.8
SR45−25B	25		37.6
SR45−30B	30		42.3
SR45−35B	35		47.0
SR45−[h]B	[h]≦8	2.50	−
	8<[h]	3.00	−

DATA



◇ SR45−8BC, SR45−8B
△ SR45−10BC, SR45−10B
○ SR45−12BC, SR45−12B
□ SR45−15BC, SR45−15B
○ SR45−20BC, SR45−20B
▲ SR45−25BC, SR45−25B
■ SR45−30BC, SR45−30B
● SR45−35BC, SR45−35B

● DUCTED CONDITION
DUMMY HEATER SIZE: 12.7 SQ
THERMAL RESISTANCE ——————
PRESURE DROP —— - ——

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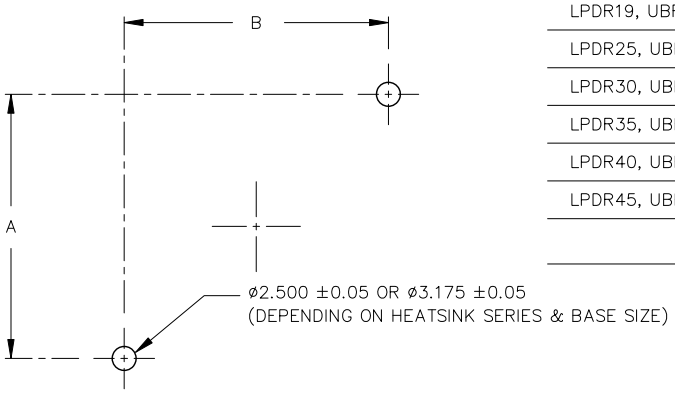
REF

PCB HOLE LAYOUT



MODEL	A	B
LPDR15 AND UBR15	18.0	18.0
LPDR19, UBR19 AND SR19	22.0	22.0
LPDR25, UBR25, NR25 AND SR25	30.0	30.0
LPDR30, UBR30, NR30 AND SR30	35.0	35.0
LPDR35, UBR35, NR35 AND SR35	40.0	40.0
LPDR40, UBR40, NR40 AND SR40	45.0	45.0
LPDR45, UBR45, NR45 AND SR45	50.0	50.0