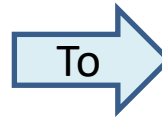
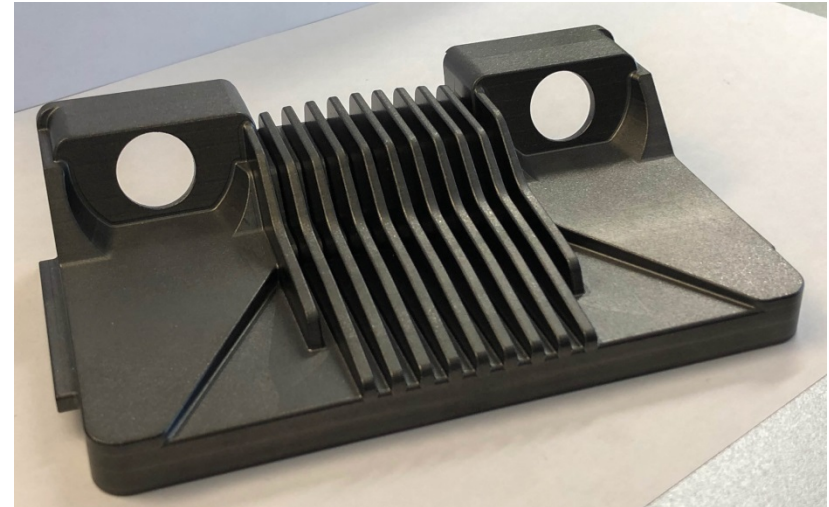
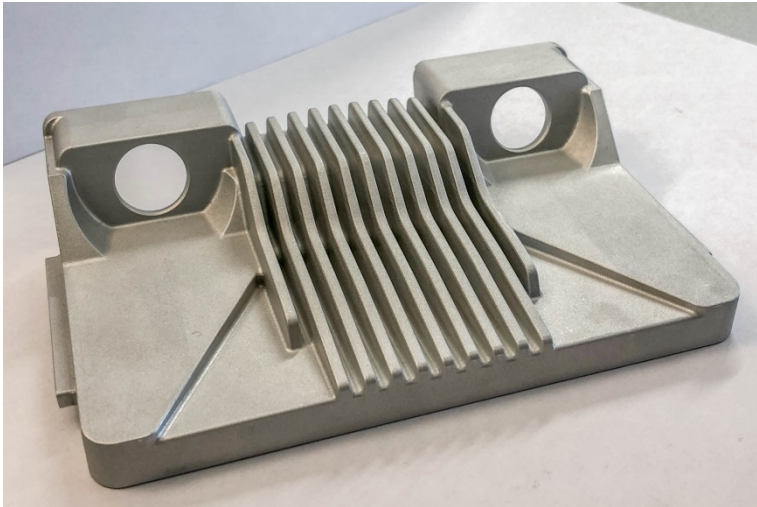


Aluminum Die Casting



SEKISUI Resin Molding



With SEKISUI, you can have...

EMI
Shielding

**40 dB
Decade**

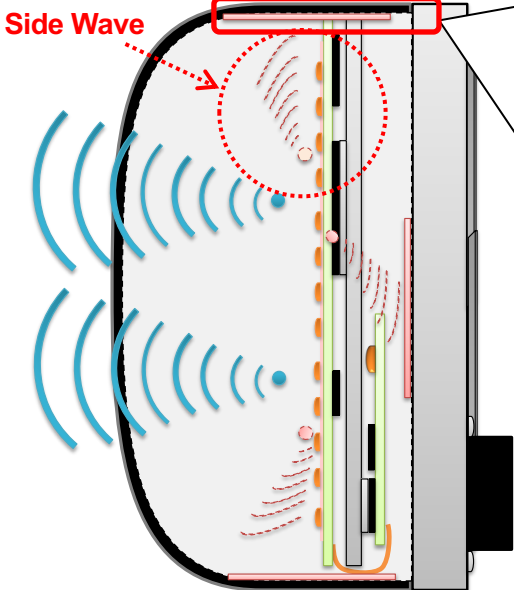
Heat Dissipation

**14W
m·K**

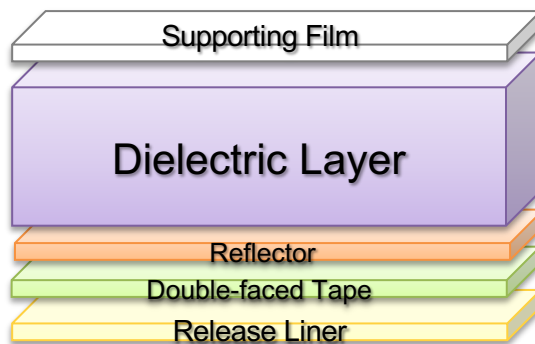
Weight Reduction

**45%
Lighter**

Application



$\lambda/4$ type structure

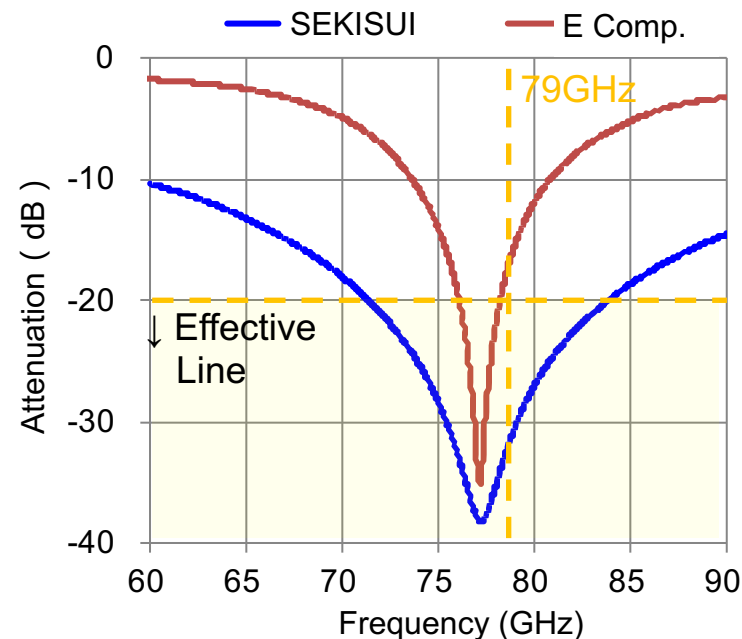


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Performance



Our product characteristics...

Absorption Ability

38 dB

Absorption Range

10 - 15 GHz
(over -20dB)

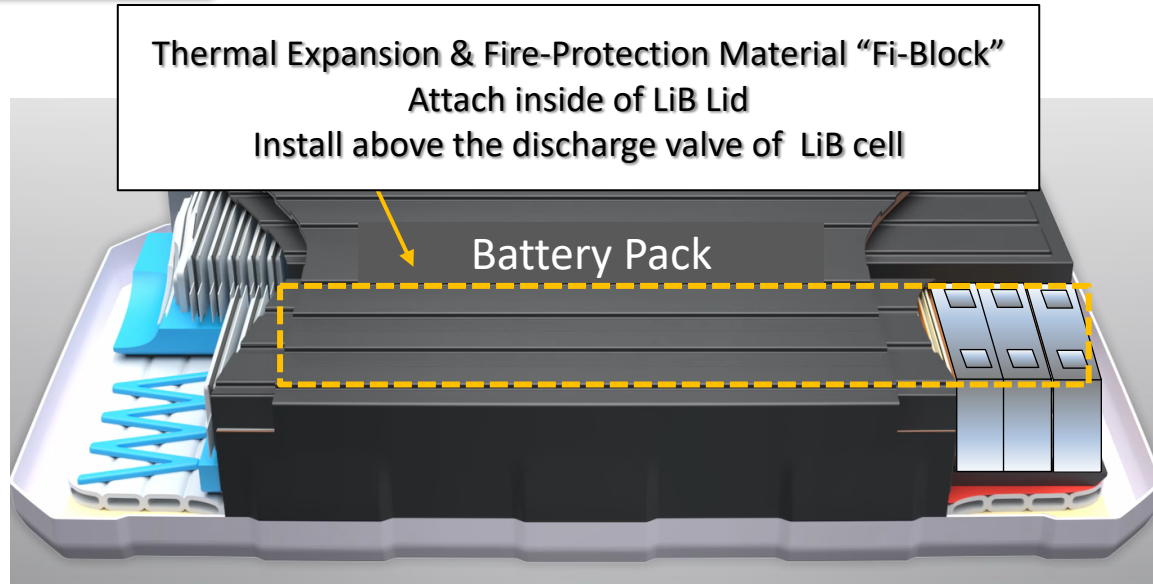
High Reliability

At High Temperature
(until 125°C)

Low Thickness

0.5 mm

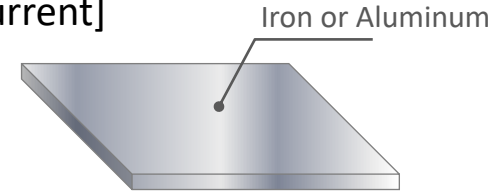
Applications



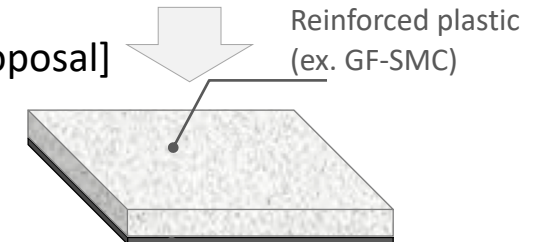
Features

Weight saving while remaining fire resistance & heat insulation

[Current]

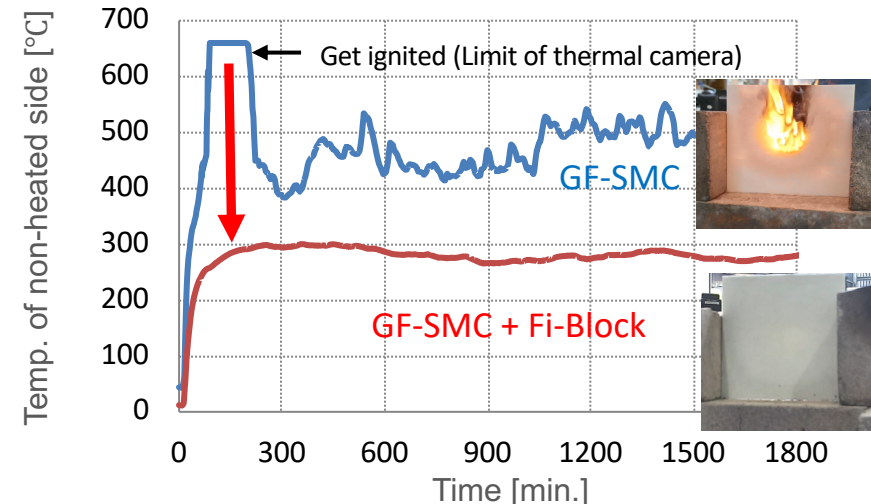


[Proposal]



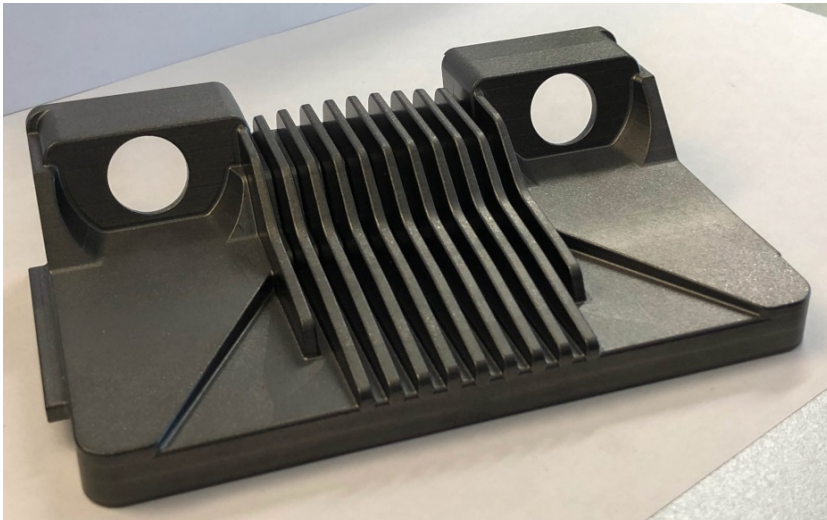
SEKISUI "Fi-Block"

Heat Insulation Test



Samples: Fi-Block (0.5mm) + GF-SMC (2mm)
Methods: Heating the samples to 1,000°C with burner
Checking the temperature of non-heated side with a thermal Camera
Fi-Block can lower the temperature over 150°C

Resin molding product



Millimeter wave absorber



Sekisui's Thermal Expansion
Fire-Resistant Material

Fi-Block™

Intumescent Material
"Fi-Block" expands in fire to perform
a fire-resistant function.