

Alumina Substrate Plus

■ Alumina 96% Substrate (Non Polished)

1.Features

- ★ We have alumina substrates which offer excellent surface smoothness. (Alumina 96%)
- ★ Feel free to ask us any questions about fine ceramics.

2.Standard Size

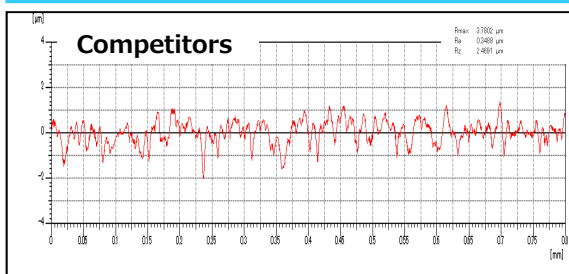
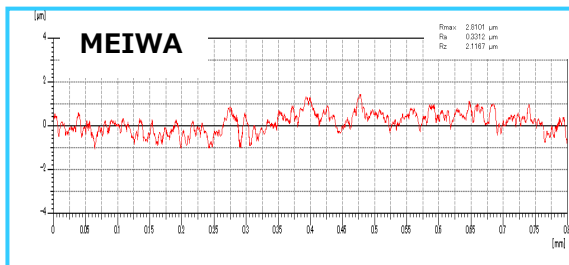
(mm)

Width x Length	49.5 x 60.0	60.0 x 70.0
Thickness	0.23~0.50	

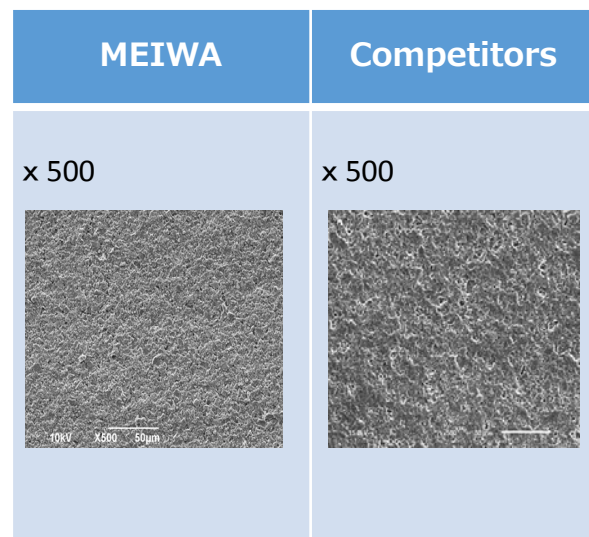
If you wish to send drawings etc., please send them as attachments to the address below.

3.Characteristics :

① Surface Roughness



② SEM



SETO PLANT ; 965 ANADA-CHO, SETO-CITY AICH-PREF JAPAN.

SALES DEPT. TEL +81-561-48-5012 FAX +81-561-48-5015

URL <http://www.phononmeiwa.co.jp/en/>

E-mail info@phononmeiwa.co.jp

Alumina Substrate Plus

■ Thin Type Substrates (T:>0.20mm)

1.Features

- ★This substrates have excellent thick film reliability and thickness tolerance control.
- ★They are effective for low-profile, weight-saving, high-precision of module.
- ★Feel free to ask us any questions about fine ceramics.

2.Standard Size

(mm)

Width x Length	49.5 x 60.0	60.0 x 70.0
	Thickness	0.09~0.20
Thickness tolerance	<+/-10%	
Slit	Non	

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■ Large Size Substrate

1.Features

- ★Our substrates have excellent thick film reliability and precise dimensional tolerance control by latest automatic external check and size measure equipment. (>15um)
- ★We have advanced mold tools and precise slit depth control. It is effective for your improvement of the productivity and yield.

2.Standard Size

(mm)

Width x Length	60.0 x 70.0		
Thickness	0.28	0.40	0.50
Type	1005	1608	3216

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Alumina Substrate Plus

■ For Wide Terminal Chip Resistor

1.Features

- ★ This is very applicable for automotive market used in advanced. So we have many inquires from chip resistor makers.
- ★ We have advanced mold tools and precise slit depth control. It is effective for your improvement of the productivity and yield.

2.Standard Size

(mm)

Width x Length	50.0 x 60.0 60.0 x 70.0		
Thickness	0.40~0.50		
Type	1632	3245	3264

If you wish to send drawings etc., please send them as attachments to the address below.

3.Samples

1632Type

NOTES

1. Camber: MAX 0.10 mm
2. Right Angle: MAX +/-0.10 mm
3. Parallelism: MAX |0.10| mm
4. Slit Depth: 1st front ave.180+/-40 μ m
2nd front ave.250+/-40 μ m
5. Guaranteed surface shall be only surface as shown on this drawing.

3245Type

NOTES

1. Camber : MAX 0.10 mm
2. Right Angle : MAX ±0.10 mm
3. Parallelism : MAX |0.10| mm
4. Slit Depth : 1st Slit 230±40 μ m
2nd Slit 200±40 μ m
6. Guaranteed surface shall be only surface as shown on this drawing.

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■ Resistor Array

1.Features

★MEIWA can provide concave shape and convexity resistors.

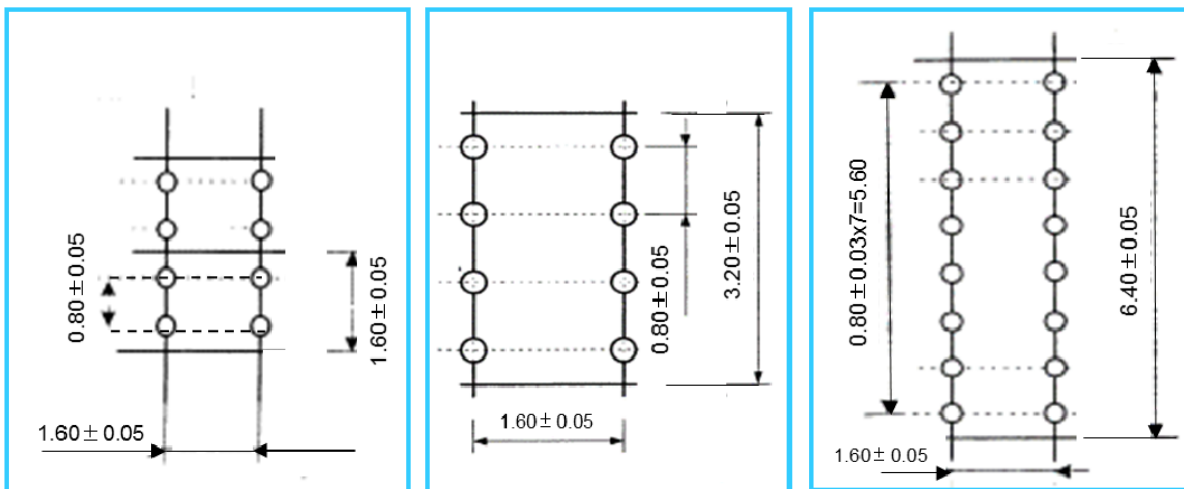
2.Standard Size

(mm)

Width x Length	54.0 x 60.0		
Thickness	0.28	0.40	0.50
Type	1005	1608	3216

If you wish to send drawings etc., please send them as attachments to the address below.

3.Samples



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