# Factory Guidance

GLOBAL Co., Ltd.

### **Corporate Data**

- Established
  - May 1982
- President
  - Takehiko Ariizumi (Chairman)
  - Katsuhiko Ariizumi (President)
- Headquarters
  - 1160 Asari Chuo
     Yamanashi 400-1514 Japan
  - TEL +81-55-269-3311
  - FAX +81-55-269-2322
  - URL: www.global-j.com
  - e-mail : <u>info@global-j.com</u>
- Employees
  - 70 employees
- Capital
  - 100 million yen



**HEAD OFFICE** 

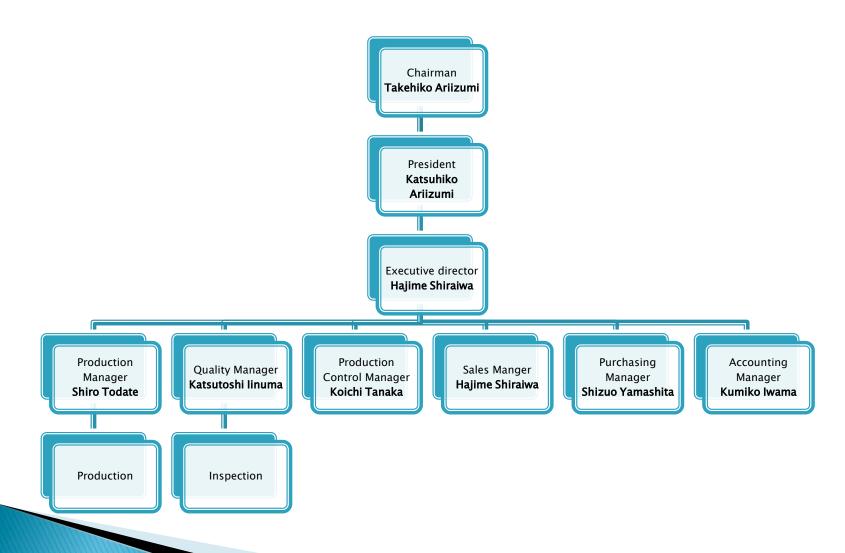


**NIIGATA OFFICE** 

# History of GLOBAL

1982	• Factory Establishment (Capital 3 million yen)
1985	• Established Kofu GLOBAL (Capital 1 million yen)
1986	·Increased Capital of GLOBAL head office to 100 million yen.
1986	· Move to new place (Current Address)
1999	·Acquired ISO9002 Perry Johnson Resister
2000	·Enlarged building
2001	·Start Inverted Mesa business
2002	·Adopted consortium in Japan and developed 1GHz blank
2006	•NIGATA GLOBAL was Established (LAPPING)
2007	·Kofu Global was changed to TRUST to produce finish products (UM-1, UM-5)

# The Organaization



#### **Products**

- Crystal Blank
  - Round
  - SMD
  - Round Inverted Mesa
  - SMD Inverted Mesa
- Finished Products
  - UM-1, UM-5, HC45U & etc.
  - (Using Inverted Mesa Blanks)
  - High Frequency Product for Filter use
- Other
  - Abrasive Powder
  - Lapping Oil
  - Lapping Carrier

#### Product Detail (Round Blank)

Diameter

⋅ 3.50φ to 20.00φ

Orientation Flat

· Single or Double Flatness

Angle

· ±7.5"/15"/30"/1'~

EFG Angle Sorting is possible

Frequency(PP)

• 800KHz to 75MHz

· Frequency Sorting is Possible as requirement

Finish

· 1µm~3µm Lap Finish

Full Polish / Semi Polish / Chemical Etching

Contour

Bevel/Bi-Convex/Plano Convex

#### Product Detail (SMD)

Dimension TYPE

· Customer's Requirements

·2016/2025 / 3225/5032 / 7050

**Conner Cut** 

· Conner Cuts are possible

Angle

· ±7.5"/15"/30"/1'~

• EFG Angle Sortingis possible

Frequency(PP)

• 800KHz to 75MHz

· Frequency Sorting is Possible as requirement

Finish

· 1µm~3µm Lap Finish

· Full Polish / Semi Polish / Chemical Etching

Contour

Bevel/Bi-Convex/Plano Convex

## Product Detail (Inverted Mesa)

Dimension

• ROUND: 5.08φ/4.50φ (Our Standard)

• SMD: 5.00X2.98/5.00X2.50(Our Standard)

Flatness Conner Cut

· Flatness and Conner Cuts are possible as customers requirements

Angle

· ±7.5"/15"/30"/1'~

EFG Angle Sorting is possible

Frequency(PP)

• 50MHz to 3600MHz

· Frequency Sorting is Possible as requirement

Finish

Full Polish (Ring)

Chemical Etching (Mesa Area)

Material

Low Etch Channel Density (10/cm2)

· Q Value : Minimum2.4million

## **Crystal Units**

#### **HFF**

High Frequency Fundamental

- · Products which are using Inverted Mesa blanks.
- Cope up to 250 MHz in fundamental oscillation mode.

#### HFF 3rd O.T.

Cope up to 250 MHz

Lead Type

- UM-1, UM-5
- HC45U & etc.

# **Controlling Systems**

1
Order from Customer

Confirmation with Confirmation No.(GLZA#)

Send order Confirmation No.(GLZA#)

Shipping with ID No.(GLFA#)

#### Customers

