

## Company Profile

<b>Company Name</b>	OHIZUMI MFG. CO., LTD.
<b>Location</b>	Sayama, Saitama, JAPAN
<b>Established</b>	August, 1939
<b>Capital</b>	1,039 Million Yen (9.8M USD)
<b>Net Sales (FY ended 3/31/2020)</b>	11,441 Million Yen (108M USD)
<b>Number of Employees</b>	184

### OHIZUMI MFG Co., Ltd Towada Plant



## Main Products

### ➤ High Quality Bare Chip

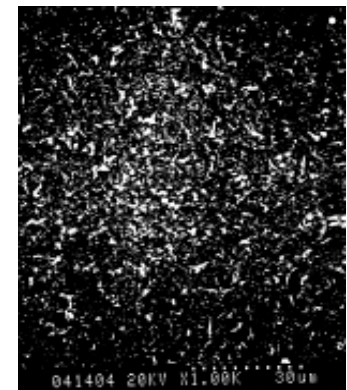
Ohizumi, a specialized manufacturer of thermistors with a long history, provides high quality and long-life bare chip products all over the world based on many years R&D experience of superior ceramics and optimized electrode technologies.

### ■ Fine Ceramics Technology

OHIZUMI manufacturing technology of ceramic provides High-density sintered product.

Fine Ceramics  
Small particles & less vacancies

SEM Analysis for Ceramics

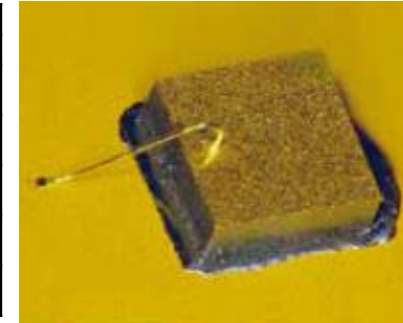


## High Quality Bare Chip Thermistor

### 1) NBC series Product line up

※ Resistance Tolerance : F +/- 1%、G +/- 2%、H +/- 3%

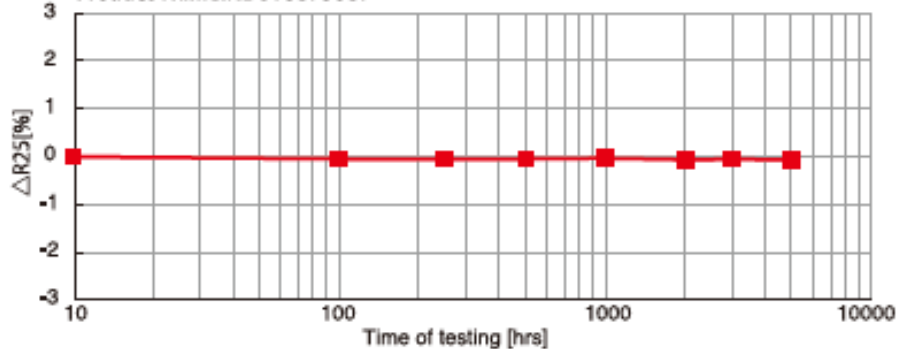
Parts No.	Resistance			B-Value		Dimension (mm)			
	R25	R40	Tolerance	B25/85	Tolerance	W	L	T	Tolerance
NBC2103*393F00	10KΩ	—	※	3930K	+/- 1%	0.32	0.32	0.22	+/- 0.05
NBC103*393F00	10KΩ	—	※	3930K	+/- 1%	0.34	0.34	0.25	+/- 0.05
NBC103*344F00	10KΩ	—	※	3435K	+/- 1%	0.46	0.46	0.21	+/- 0.05
NBC103*400F00	10KΩ	—	※	4000K	+/- 1%	0.64	0.64	0.23	+/- 0.05
NBC193*397F00	—	10KΩ	※	3975K	+/- 1%	0.57	0.57	0.23	(1)



(1) W/L Tolerance: ±0.10 T Tolerance: ±0.05

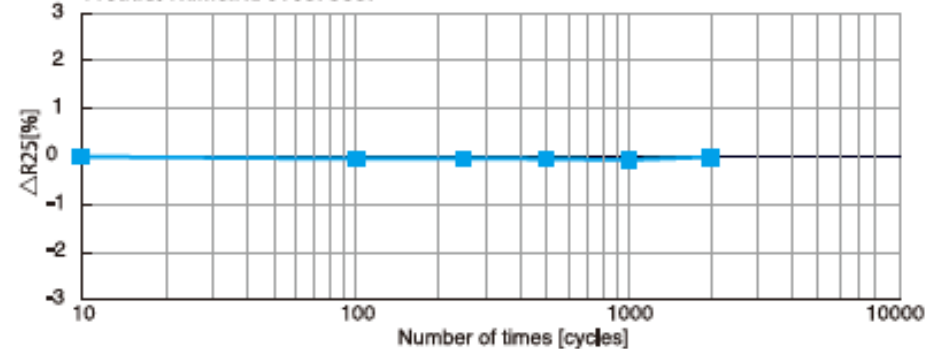
#### Dry heat test (at 125°C)

Product Name: NBC103F393F\*\*



#### Thermal shock test (-40°C × 30min ↔ 125°C × 30min)/cycle

Product Name: NBC103F393F\*\*



### 2) Development product ~ Small shape thermistor ~

Parts No.	Resistance		B-Value		Dimension (mm)			
	R25	Tolerance	B25/85	Tolerance	W	L	T	Tolerance
NBC4103H407F00	10KΩ	3%	4070K	+/- 1%	0.21	0.21	0.20 Max	TDB