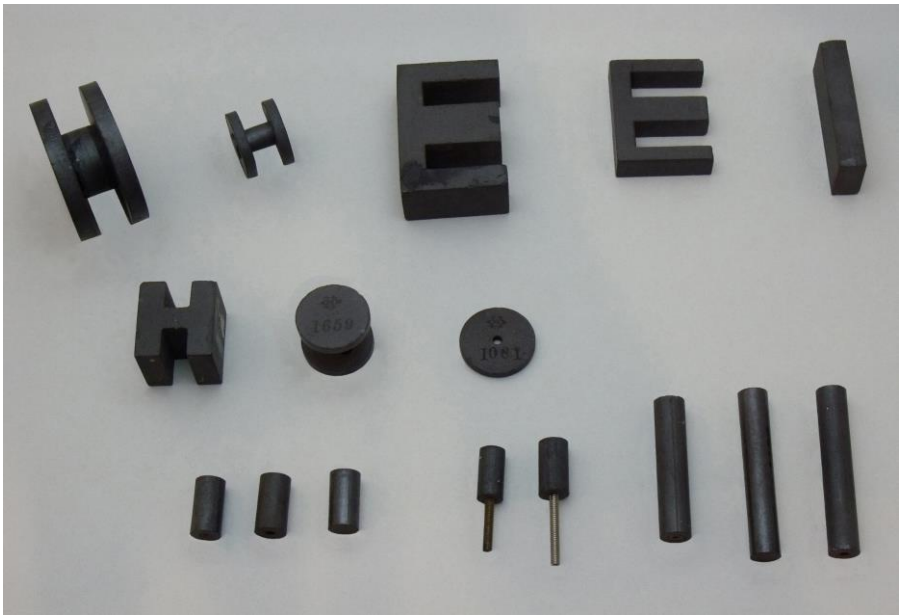


Registration No.	Number 00053		
Registration Date	October 6, 2010	Registration Category	Category 1

Name (Model, etc.)	The world's first ferrite magnetic cores made of the early period
Location	Nikaho City, Akita Pref
	TDK Museum
Owner (Custodian)	TDK Corporation
Manufacturer (Company)	Takeshi Takei
Year Manufactured	1937
Reason For Selection	Ferrite, an important electronic component used today, was invented in 1930 by Yogoro Kato and Takeshi Takei of the Tokyo Institute of Technology. Considered as one of Japan's innovative prewar inventions, it was first used in wireless communication devices and radios in 1937, before other countries started using it. In 2009, the Tokyo Institute of Technology received the IEEE Milestone Award for the development of ferrite and its applications, reaffirming the worldwide importance of this technology. This exhibit shows the materials made and used by Kato and Takei in their tests, the oldest existing samples known. TDK Corporation was established to commercially produce the ferrite invented by Kato and Takei and became a forerunner of venture companies in Japan.
Registration Standard	1 - B

Open/Closed to Public	Open to Public
Photo	
Other useful information	