

"TCG1800series" have an Excellent Flexibility and can Encapsulate Parts Sensitive to the Stress.

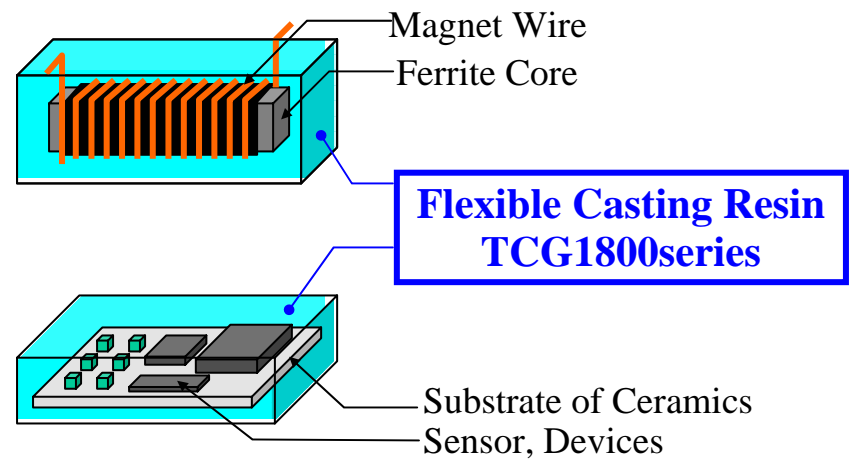
Strong Points

- 1) Cured Resin have an Excellent Flexibility so this resin can encapsulate Parts sensitive to the Stress.
- 2) Excellent Electrical Insulation Property.
- 3) Long Pot Life and Excellent Workability.

Application

- a) Encapsulation for Module Parts , Ferrite Parts and Substrate of Ceramics, etc.

<Applications>



Characteristic Table of Epoxy Casting Resins

Item	Test Condition	Units	TCG1837	TCG1859	TCG1604 Standard type
Tg	---	°C	2	< -10	125
Hardness	25°C	---	40 (Shore-D)	70 (Shore-A)	90 (Shore-D)
Dielectric Strength	25°C	MV/m	>25	>25	>25
Volume Resistivity	25°C	M ohm m	4.1 x10 ⁷	7.4 x10 ⁴	1.6 x10 ⁸
Flammability	UL94	---	V-0 (1.6mm)	-----	-----