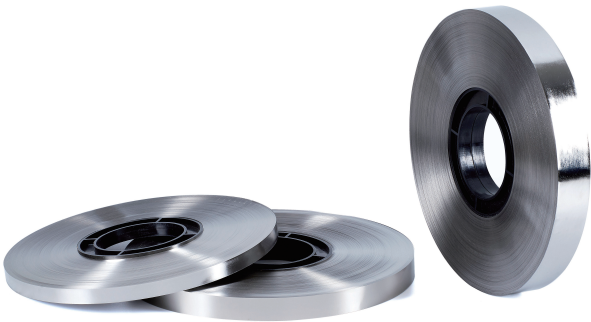


1K202

1K202 Co-based Amorphous Strip



Application

- Magnetic amplifier (saturated inductance) , peak suppressor core
- Leakage transformer core, metering transformer core
- Current sensor core
- Transformer core

Item	Performance (Reference)	Item	) Performance (Reference)
Bs (T) Saturate Induction	0.55	λs Magnetostriction	<0.2×10 ⁻⁶
Tc (°C) Curie Temperature	255	ρ (g/cm ³) Density	7.6
Tx (°C) Crystallization Temperature	/	δ (μΩ•cm) Resistivity	140
Hv Hardness	/	Hc (A/m) Coercivity	<0.13
(μm) Thickness	16 ~ 27	K Core filling coefficient	0.8
μ' @1kHz(Gs/Oe) Permeability	60k	P16kHz/37mT (W/kg) Core loss	<65

	J	1k202	038	20	2
P/N Description	J-Slitting Strip	Co-based Amorphous Mode	Width	Thickness	Thickness Tolerance

Description: J1K202-038-202 cobalt-based amorphous slitting strip 1K202, width is 3.8mm, thickness is 20±2μm.

Common Strip Width

Width (mm)	1.0	2.0	3.0	3.8	4.0	4.5	5.0	6.0	6.5	8.0	10.0	15	20
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Common Specifications

P/N	(mm) Width	(μm) Thickness
J1K202-030-182	3.0	18±2
J1K202-030-202		20±2
J1K202-030-232		23±2
J1K202-030-252		25±2

注 Not

- 。 Strip thickness tolerance is ±2μm, Max width is 20mm.
- 。 Other customized size strip is available.
- 。 Strip performance of 1K202 is equivalent to Hitachi 2714A.



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	J	1k202	038	20	2
P/N Description	J-Slitting Strip	Co-based Amorphous Mode	Width	Thickness	Thickness Tolerance

。 Description: J1K202-038-202 cobalt-based amorphous slitting strip 1K202, width is 3.8mm, thickness is 20±2μm.

Common Strip Width

Width (mm)	1.0	2.0	3.0	3.8	4.0	4.5	5.0	6.0	6.5	8.0	10.0	15	20
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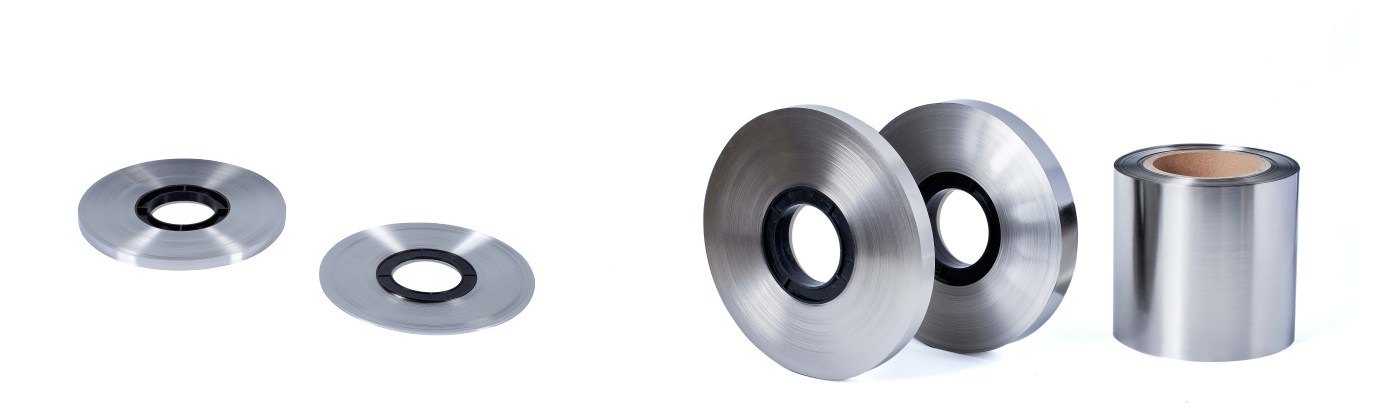
Common Specifications

P/N	(mm) Width	(μm) Thickness
J1K202-030-182	3.0	18±2
J1K202-030-202		20±2
J1K202-030-232		23±2
J1K202-030-252		25±2

- Note:**
- 1、。 Strip thickness tolerance is ±2μm, Max width is 20mm.
- 2、。 Other customized size strip is available.
- 3、 Strip performance of 1K202 is equivalent to Hitachi 2714A.

1K201

1K201 Co-based Amorphous Strip



Application

- Anti-DC current transformer core
- Switch transformer core

Item	） Performance (Reference)	Item	） Performance (Reference)
Bs (T) Saturate Induction	0.9	λs Magnetostriction	<0.2×10 ⁻⁶
Tc (°C) Curie Temperature	485	ρ (g/cm³) Density	7.6
Tx (°C) Crystallization Temperature	510	δ (μΩ•cm) Resistivity	140
Hv Hardness	/	Hc (A/m) Coercivity	<1.0
(μm) Thickness	16 ~ 25	K Core filling coefficient	0.8
μ' @1kHz(Gs/Oe) Permeability	800 ~ 2500	铁损 P16kHz/37mT (W/kg) Core loss	/

	J	1K201	038	20	2
P/N Description	J-Slitting strip	Co-based Amorphous Model	Width Thickness	Thickness	Thickness tolerance

Description: J1K201-038-202 cobalt-based amorphous slitting strip 1K201, width is 3.8mm, thickness is 20±2μm.

Common Strip Width

Width (mm)	1.0	2.0	3.0	3.8	4.0	4.5	5.0	6.0	6.5	8.0	10.0	15.0	20
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Common Specifications

P/N	(mm) Width	(μm) Thickness
J1K201-030-182	3.0	18±2
J1K201-030-202		20±2
J1K201-030-232		23±2
J1K201-030-252		25±2

注 Note:

1Strip thickness tolerance is ±2μm, Max width is 20mm.

2、。 Other customized size strip is available.

3、 Strip performance of 1K201 is equivalent to Hitachi 2705, VAC 6150.



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