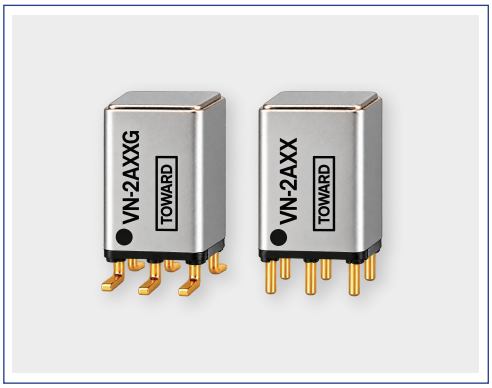


VN-2A SERIES

REED RELAYS

KEY FEATURES

- Ultra high density reed relays
- High reliability, hermetically sealed contacts for long life

ORDER CODE

VN-2AXXG

ⓐ ⓑ ⓒ ⓓ

ⓐ Relay Model

ⓑ Contact Form: 2A = 2 Form A

ⓒ Coil Voltage: 05 = 5VDC, 12 = 12VDC

ⓓ Nil: DIP Type / G: Gull Wing Type

COIL DATE-STANDARD TYPE (at 20°C)

PART NUMBER	NOMINAL VOLTAGE DC ± 10% [V]	COIL RESISTANCE ± 10% [Ω]	NOMINAL CURRENT [mA]	MUST RELEASE VOLTAGE MIN. [V] @ 20°C	MUST OPERATE VOLTAGE MAX. [V] @ 20°C
VN-2A	5	200	25	0.7	3.75
	12	700	17.1	1.2	8.8

CONTACT SPECIFICATIONS (at 20°C)

ITEM		PERFORMANCE CHARACTERISTICS
Contact Rating		10W
Switching Voltage		170VDC / 120VAC
Max. Switching Current		0.5A
Max. Carry Current		1.0A
Contact Resistance		150mΩ
Contact Resistance Stability		5mΩ
Breakdown Voltage	Open Contacts	210VDC
	Contacts to Contacts	200VDC
	Contacts to Coil	200VDC

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www.toward.com

為了持續的改進，敝司有權在不影響規格範圍的情況下修改設計。
In the interest of continuous development, our companies reserve the right to alter designs within specifiaction range.

ELECTRICAL SPECIFICATIONS

ITEM	PERFORMANCE CHARACTERISTICS
Insulation Resistance (at 100VDC 20°C, 65% Rh)	1x10¹²Ω
Capacitance - Typical across open contacts	0.35pF (Typ)
Operate Time Including Bounce - Typical	0.5mS (Max)
Release Time	0.5mS (Max)

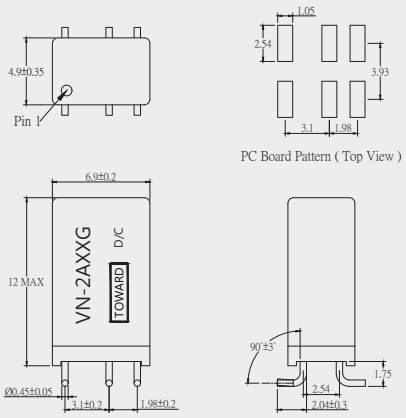
MECHANICAL SPECIFICATIONS

Vibration (2000Hz)	20G
Shock	50G

ENVIRONMENTAL

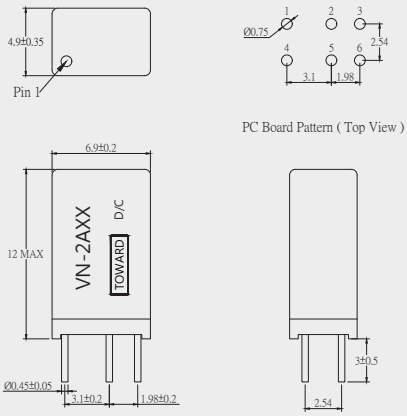
Operating Temp.		-40°C~+85°C
Storage Temp.		-40°C~+90°C
Life Expectancy	Mechanical	1x10⁹ Operations
	Electrical	1V 10mA, 3x10⁸ Operations

DIMENSIONS (Unit: mm)



VN-2A SMD type

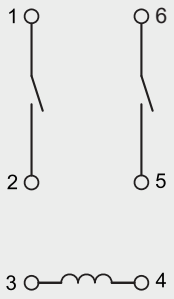
DIMENSIONS (Unit: mm)



VN-2A Through type

DIMENSIONS (Unit: mm)

WIRING DIAGRAMS (Top View)



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