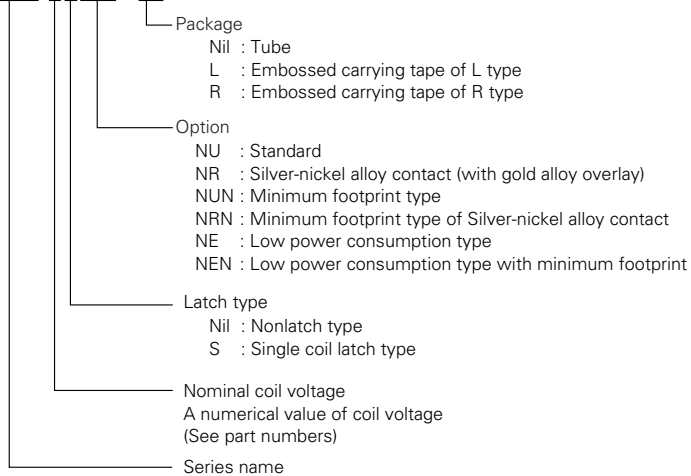




# UB2 Series

## ■ PART NUMBER SYSTEM

UB2-3SNU - L1



## ■ SAFETY STANDARD AND RATING

UL Recognized (UL508)* File No. E73266	CSA Certificated (CSA C22.2 No14)* File No. LR46266
30 Vdc, 1 A (Resistive)	110 Vdc, 0.3 A (Resistive)
125 Vac, 0.3 A (Resistive)	

\* Spacing : UL840  
 \* Spacing : CSA std950

TUV Certified (EN61810)
No. R 2050596
Creepage and clearance of coil to contact is over than 2 mm (According EN60950)
Basic insulation class

## ■ PART NUMBERS

### • Nonlatch Type

at 20 °C

Part Number (Standard)	Nominal Coil Voltage (Vdc)	Coil Resistance (Ω) ±10%	Must Operate Voltage* (Vdc)	Must Release Voltage* (Vdc)
UB2-1.5NU	1.5	16	1.13	0.15
UB2-3NU	3	64.3	2.25	0.3
UB2-4.5NU	4.5	145	3.38	0.45
UB2-5NU	5	178	3.75	0.5
UB2-6NU	6	257	4.5	0.6
UB2-9NU	9	579	6.75	0.9
UB2-12NU	12	1028	9.0	1.2
UB2-24NU	24	2504	18.0	2.4

### • Single Coil Latch Type

at 20 °C

Part Number (Standard)	Nominal Coil Voltage (Vdc)	Coil Resistance (Ω) ±10%	Must Operate Voltage* (Vdc)	Must Release Voltage* (Vdc)
UB2-1.5SNU	1.5	22.5	1.13	1.13
UB2-3SNU	3	90	2.25	2.25
UB2-4.5SNU	4.5	202.5	3.38	3.38
UB2-5SNU	5	250	3.75	3.75
UB2-6SNU	6	360	4.5	4.5
UB2-9SNU	9	810	6.75	6.75
UB2-12SNU	12	1440	9.0	9.0
UB2-24SNU	24	4800	18.0	18.0

### • Nonlatch NE Type (Low power consumption)

at 20 °C

Part Number (Standard)	Nominal Coil Voltage (Vdc)	Coil Resistance (Ω) ±10%	Must Operate Voltage* (Vdc)	Must Release Voltage* (Vdc)
UB2-3NE	3	90	2.25	0.3
UB2-4.5NE	4.5	202.5	3.38	0.45
UB2-5NE	5	250	3.75	0.5

Note \* Test by pulse voltage.

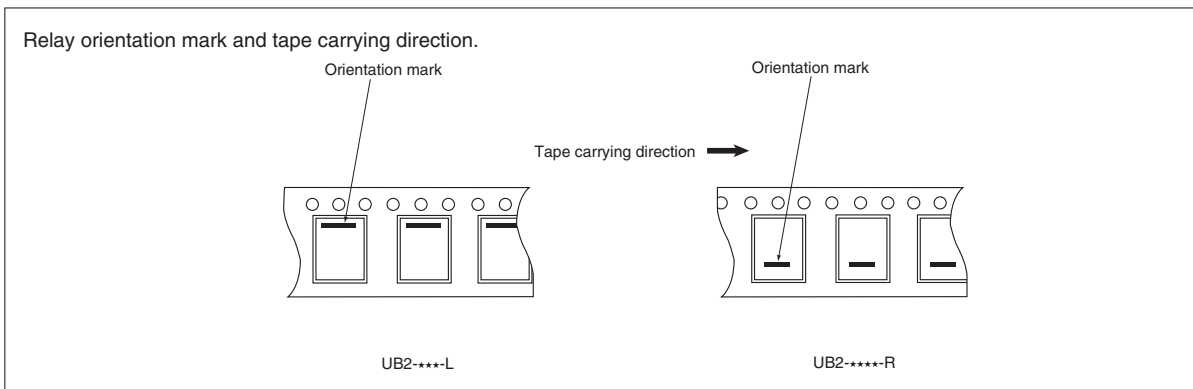
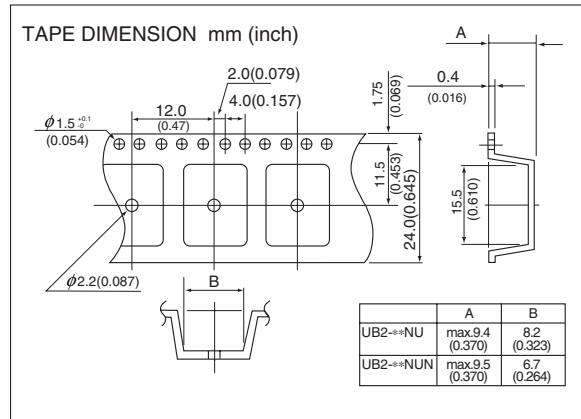
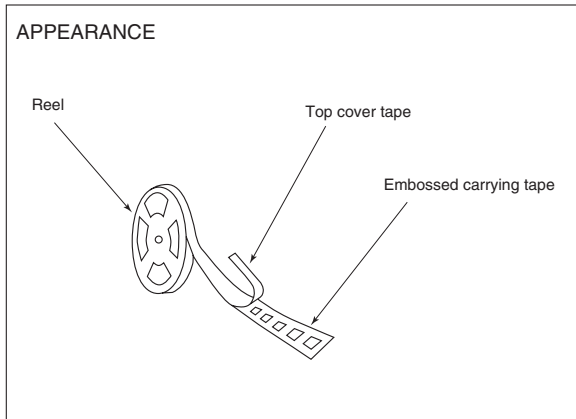
The latch type relays should be initialized at appointed position before using, and should be energized to specific polarity by above polarity to avoid wrong operation.  
 Any special coil requirement, Please contact NEC TOKIN for availability.



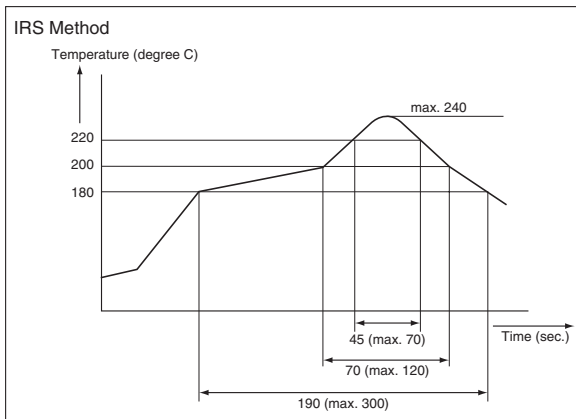
- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact NEC Tokin for updated product data.
- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.

# UB2 Series

## TAPE PACKAGE (OPTION)



## SOLDERING CONDITION



### Note

1. Temperature profile shows printed circuit board surface temperature on the relay terminal portion.
2. Check the actual soldering condition to use other method except above mentioned temperature profiles.



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# UA2/UB2 Series

## ■ Recommended relay drive conditions

Drive under conditions. If it is impossible, please inquire to NEC TOKIN.

Nonlatch type	Voltage: within $\pm 5\%$ at nominal voltage	Ambient temperature -40~+85°C
Single coil latch type Double coil latch type	Square pulse (rise and fall time is rapidly) Pulse height: within $\pm 5\%$ at nominal voltage Pulse width: more than 10 ms	

## ■ Technical document

Please confirm technical document before use.

It is able to receive a document at NECTOKIN's World-wide-web site.

(<http://www.nec-tokin.com>)

ITEM	TITLE
Data sheet	UA2/UB2 series
	UA2/UB2 series NE type
Information	UA2/UB2 series technical data
User's manual	Function and note on correct use
Application note	Application circuit of miniature signal relay



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