

# NEC Signal Relays

## NEC EB2 SERIES: MINIATURE SIGNAL RELAYS

- Surge voltage: 1500V between coil and contact (Complies with FCC Part 68)
- Breakdown voltage between open contacts: 1000VAC (Complies with FCC Part 68)
- Contact form: DPDT
- Max. switching current: 1A
- Contact Rating: 2A



### Non-Latching Surface Mount Type

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NEC Part No.	Fig.	Pin Config.	Nominal Voltage (VDC)	Coil Resistance (Ω) ±10%	Nominal Power	Price Each			
							1	25	50	100
551-EB2-3NU	EB2-3NU	A	1	3	64.3	140mW	2.67	2.46	2.26	2.04
551-EB2-4.5NU	EB2-4.5NU	A	1	4.5	145	140mW	2.67	2.46	2.26	2.05
551-EB2-5NU	EB2-5NU	A	1	5	178	140mW	2.67	2.46	2.26	2.04
551-EB2-12NU	EB2-12NU	A	1	12	1028	140mW	2.67	2.46	2.26	2.04
551-EB2-24NU	EB2-24NU	A	1	24	2880	200mW	5.56	5.16	4.66	4.28

### Single Coil Latch Surface Mount Type

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NEC Part No.	Fig.	Pin Config.	Nominal Voltage (VDC)	Coil Resistance (Ω) ±10%	Nominal Power	Price Each			
							1	25	50	100
551-EB2-5SNU	EB2-5SNU	A	1	5	250	140mW	3.09	2.85	2.61	2.38
551-EB2-12SNU	EB2-12SNU	A	1	12	1440	140mW	3.09	2.85	2.61	2.38

## NEC EC2/EE2 SERIES: MINIATURE SIGNAL RELAYS

- Surge voltage: 2500V between coil and contact (Complies with Bellcore EN60950)
- Breakdown voltage between open contacts: 1000VAC (Complies with FCC Part 68)
- Contact form: DPDT
- Max. switching current: 2A
- Contact Rating: 2A



### Non-Latch Type

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NEC Part No.	Fig.	Pin Config.	Nominal Voltage (VDC)	Coil Resistance (Ω) ±10%	Nominal Power	Price Each			
							1	25	50	100
551-EC2-3NJ	EC2-3NJ	B	2	3	64.3	140mW	2.67	2.46	2.26	2.05
551-EC2-4.5NJ	EC2-4.5NJ	B	2	4.5	145	140mW	2.67	2.46	2.26	2.05
551-EC2-5NJ	EC2-5NJ	B	2	5	178	140mW	2.67	2.46	2.26	2.05
551-EC2-12NJ	EC2-12NJ	B	2	12	1028	140mW	2.67	2.46	2.26	2.05
551-EC2-24NJ	EC2-24NJ	B	2	24	2880	200mW	3.09	2.85	2.61	2.38

### Single Coil Latch Type

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NEC Part No.	Fig.	Pin Config.	Nominal Voltage (VDC)	Coil Resistance (Ω) ±10%	Nominal Power	Price Each			
							1	25	50	100
551-EC2-3SNJ	EC2-3SNJ	B	2	3	90	140mW	3.09	2.85	2.61	2.38
551-EC2-4.5SNJ	EC2-4.5SNJ	B	2	4.5	202.5	140mW	3.09	2.85	2.61	2.38
551-EC2-5SNJ	EC2-5SNJ	B	2	5	250	140mW	3.09	2.85	2.61	2.38
551-EC2-12SNJ	EC2-12SNJ	B	2	12	1440	140mW	3.09	2.85	2.61	2.38

### Non-Latching Surface Mount Type

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NEC Part No.	Fig.	Pin Config.	Nominal Voltage (VDC)	Coil Resistance (Ω) ±10%	Nominal Power	Price Each			
							1	25	50	100
551-EE2-3NU	EE2-3NU	C	2	3	64.3	140mW	2.67	2.46	2.26	2.05
551-EE2-5NU	EE2-5NU	C	2	5	178	140mW	2.67	2.46	2.26	2.05

### Single Coil Latch Surface Mount Type

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NEC Part No.	Fig.	Pin Config.	Nominal Voltage (VDC)	Coil Resistance (Ω) ±10%	Nominal Power	Price Each			
							1	25	50	100
551-EE2-3SNU	EE2-3SNU	C	2	3	90	140mW	3.09	2.85	2.61	2.38

## NEC ED2/EF2 SERIES: MINIATURE SIGNAL RELAYS

- Surge voltage: 2500V between coil and contact (Complies with bellcore EN60950)
- Breakdown voltage between open contacts: 1000VAC (Complies with FCC part 68)
- Contact form: DPDT
- Max. switching current: 1A
- Contact Rating: 2A



### Non-Latch Type

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NEC Part No.	Fig.	Pin Config.	Nominal Voltage (VDC)	Coil Resistance (Ω) ±10%	Nominal Power	Price Each			
							1	25	50	100
551-ED2-5NJ	ED2-5NJ	B	2	5	500	50mW	4.07	3.76	3.45	3.13
551-ED2-12NJ	ED2-12NJ	B	2	12	2400	60mW	4.49	4.15	3.80	3.46
551-ED2-24NJ	ED2-24NJ	B	2	24	8229	70mW	5.05	4.67	4.28	3.89

### Non-Latching Surface Mount Type

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NEC Part No.	Fig.	Pin Config.	Nominal Voltage (VDC)	Coil Resistance (Ω) ±10%	Nominal Power	Price Each			
							1	25	50	100
551-EF2-5NU	EF2-5NU	C	2	5	500	50mW	4.07	3.76	3.45	3.13

**DIMENSIONS: mm**

**A**

EB2

**B**

EC2

**C**

EE2

**PIN CONFIGURATIONS**

**1**

Non-Latch Type

**2**

Non-Latch Type

NEC Low Signal Relays