

# FUJITSU Signal Relays

## A SERIES MINIATURE RELAYS

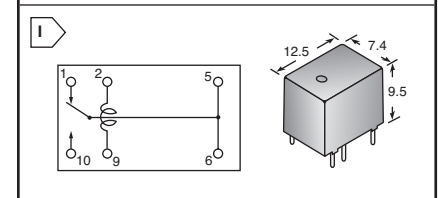
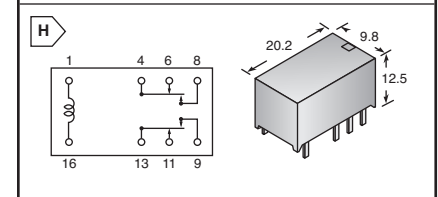
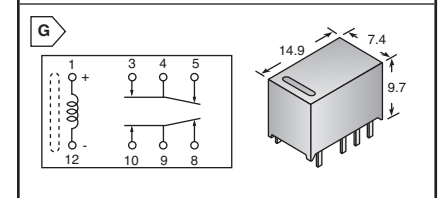
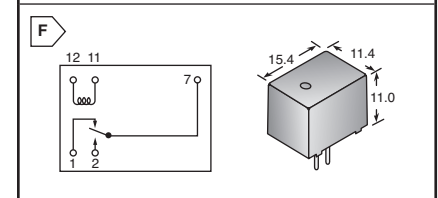
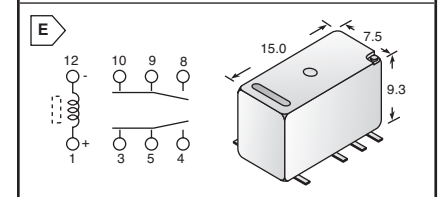
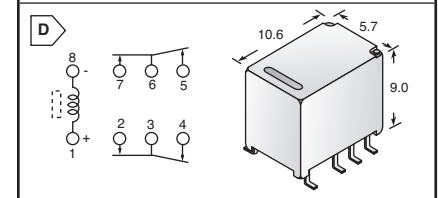
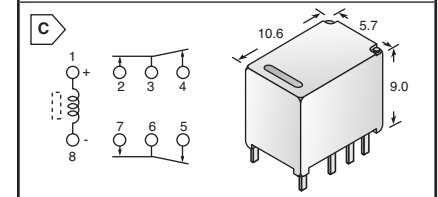
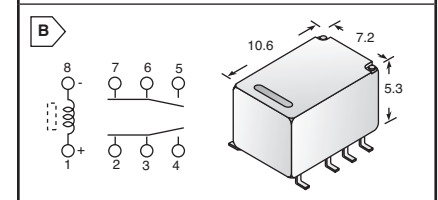
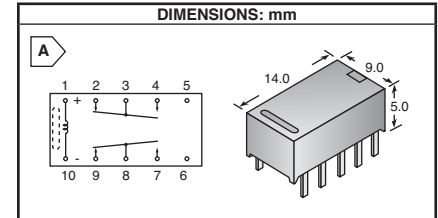
- Features:**
- 2 Poles - 1 to 2 A (for signal switching)
  - Extremely low profile and light weight
  - UL, CSA recognized
  - High Reliability - bifurcated contacts
  - Plastic Sealed type
  - Contact Form: DPDT

- Height: 5mm
- Weight: approx. 1.2g
- Wide Operating range
- DIL through-hole terminals
- Contact Rating: .5A



For quantities of 2500 and up, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Nominal Voltage (VDC)	Coil Resistance (±10%)	Nominal Power	Price Each			
						1	100	500	1000
817-A-3W-K	A-3W-K	A	3	64.3Ω	140 mW				
817-A-5W-K	A-5W-K	A	5	178Ω	140 mW				
817-A-12W-K	A-12W-K	A	12	1,028Ω	140 mW				
817-A-24W-K	A-24W-K	A	24	2,880Ω	200 mW				
817-A-48W-K	A-48W-K	A	48	7,680Ω	300 mW				



## FTR-B3 SERIES MINIATURE HORIZONTAL RELAYS

- Features:**
- 2-Contact 1A (for switching signals)
  - Flat Type ultra miniature (SMT)
  - Ultra slim and light weight
  - High efficiency polar electromagnet structure
  - Contact Form: DPDT
  - Gold-plated silver alloy bifurcated contacts
  - UL, CSA recognized
  - Contact Rating: .3A



For quantities of 2500 and up, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Terminal Type	Nominal Voltage (VDC)	Coil Resistance (±10%)	Nominal Power	Price Each			
							1	100	500	1000
817-FTR-B3GA003Z	FTR-B3GA003Z	B	Surface Mount	3	64.3Ω	140 mW				
817-FTR-B3GA4.5Z	FTR-B3GA4.5Z	B	Surface Mount	4.5	145Ω	140 mW				
817-FTR-B3GA012Z	FTR-B3GA012Z	B	Surface Mount	12	1,028Ω	140 mW				

## FTR-B4 SERIES ULTRA MINIATURE SLIM SIGNAL RELAYS

- Features:**
- High reliability bifurcated contacts
  - Lower power consumption
  - 10mm Max. height SMT
  - Contact Form: DPDT
  - Weight: Approx. 1.0g
  - Conforms Bellocore and FCC part 68
  - Contact Rating: 1A



For quantities of 2500 and up, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Terminal Type	Nominal Voltage (VDC)	Coil Resistance (±10%)	Nominal Power	Price Each			
							1	100	500	1000
817-FTR-B4CA003Z	FTR-B4CA003Z	C	Through-Hole	3	64.3Ω	140 mW				
817-FTR-B4GA003Z	FTR-B4GA003Z	D	Surface Mount	3	64.3Ω	140 mW				
817-FTR-B4GA012Z	FTR-B4GA012Z	D	Surface Mount	12	1,028Ω	140 mW				
817-FTR-B4SA003Z	FTR-B4SA003Z	D	Surface Mount	3	64.3Ω	140 mW				
817-FTR-B4SA012Z	FTR-B4SA012Z	D	Surface Mount	12	1,028Ω	140 mW				
817-FTR-B4SA4.5Z	FTR-B4SA4.5Z	D	Surface Mount	4.5	145Ω	140 mW				

## FTR-C1 SERIES ULTRA MINIATURE RELAYS

- Features:**
- High reliability bifurcated contacts
  - Lower power consumption
  - Contact Form: DPDT
  - Weight: Approx. 1.0g
  - Surge Strength: 5000V
  - Conforms to IEC 60950 / EN60950 / UL1950 / C22.2
  - Contact Rating: 1A



For quantities of 2500 and up, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Terminal Type	Nominal Voltage (VDC)	Coil Resistance (±10%)	Nominal Power	Price Each			
							1	100	500	1000
817-FTR-C1GA003G	FTR-C1GA003G	E	Surface Mount	3	32.1	280 mW				
817-FTR-C1GA4.5G	FTR-C1GA4.5G	E	Surface Mount	4.5	72.3	280 mW				
817-FTR-C1GA012G	FTR-C1GA012G	E	Surface Mount	12	514	280 mW				

## MZ SERIES MINIATURE RELAYS

- Features:**
- 1 Pole - 1 to 2 A (for signal switching)
  - Subminiature size
  - Standard and high sensitivity types available
  - DIL through-hole terminals
  - Contact Form: SPDT
  - Plastic sealed type
  - High reliability bifurcated contacts
  - UL, CSA recognized
  - Contact Rating: .5A



For quantities of 2500 and up, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Nominal Voltage (VDC)	Coil Resistance (±10%)	Nominal Power	Price Each			
						1	100	500	1000
817-MZ-5HS-K	MZ-5HS-K	F	5	120Ω	200 mW				
817-MZ-12HS-K	MZ-12HS-K	F	12	700Ω	200 mW				
817-MZ-24HS-K	MZ-24HS-K	F	24	2,800Ω	200 mW				

## NA SERIES MINIATURE RELAYS

- Features:**
- 2 Poles - 1 to 2 A (for signal switching)
  - Slim type relay for high density mounting
  - High sensitivity and low consumption power
  - Maximum switching capacity - 4.2A 700VAC
  - Contact Form: DPDT
  - High reliability - bifurcated contacts
  - DIL through-hole terminals
  - Plastic sealed type
  - Contact Rating: .5A



For quantities of 2500 and up, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Nominal Voltage (VDC)	Coil Resistance (±10%)	Nominal Power	Price Each			
						1	100	500	1000
817-NA-3W-K	NA-3W-K	G	3	64.3Ω	140 mW				
817-NA-5W-K	NA-5W-K	G	5	178Ω	140 mW				
817-NA-12W-K	NA-12W-K	G	12	1,028Ω	140 mW				

## RY SERIES MINIATURE RELAYS

- Features:**
- 2 Poles - 1 to 2 A (for signal switching)
  - Ultra high sensitivity
  - Wide operating temperature range
  - Contact Form: DPDT
  - DIL through-hole terminals
  - Plastic sealed type
  - UL, CSA recognized



For quantities of 2500 and up, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Nominal Voltage (VDC)	Contact Rating	Coil Resistance (±10%)	Nominal Power	Price Each			
							1	100	500	1000
817-RY-12W-K	RY-12W-K	H	12	.5A	960Ω	150 mW				
817-RY-24W-K	RY-24W-K	H	24	.5A	2,880Ω	200 mW				
817-RY-12D-K	RY-12D-K	H	12	.3A	320Ω	450 mW				
817-RY-12WFZ-K	RY-12WFZ-K	H	12	.5A	280Ω	510 mW				

## SY SERIES MINIATURE RELAYS

- Features:**
- 1 Pole - 1 A (for signal switching)
  - Very small size and weight
  - High sensitivity
  - Contact Form: SPDT
  - Wide operating temperature range
  - DIL through-hole terminals
  - Plastic sealed type
  - Contact Rating: .5A



For quantities of 2500 and up, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Nominal Voltage (VDC)	Coil Resistance (±10%)	Nominal Power	Price Each			
						1	100	500	1000
817-SY-5W-K	SY-5W-K	I	5	167Ω	150 mW				
817-SY-12W-K	SY-12W-K	I	12	960Ω	150 mW				
817-SY-6-K	SY-6-K	I	6	240Ω	150 mW				
817-SY-9W-K	SY-9W-K	I	9	540Ω	150 mW				