

FRT5 RELAY



Compact Size Telecom Latching Relay

FEATURES

Compact Size & Low Profile : 14(L) X 9(W) X 5(H) mm (STANDARD TYPE)
 : 14.2(L) X 9.3(W) X 5.3(H) mm (SMD TYPE)

Conforms to FCC Part 68 1500V Surge Dielectric

DIL Pitch Terminals

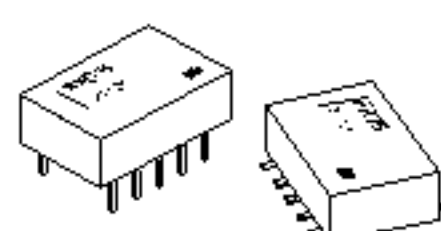
Surface Mount Type with "L" Shaped Terminals

Fully Sealed (Immersion Cleanable)

Single or Double Coil Latching Type is available.

High Sensitivity 140mm Nominal Power

Recognized File No : E141516



Typical Applications :

Telecommunication Equipment

Office Equipment

Security Alarm Systems

Measuring Instruments

Medical Monitoring Equipment

Audio Visual Equipment

Flight Simulator

Sensor Control

SPECIFICATIONS

COIL RATING

SINGLE SIDE STABLE - FRT5 / FRT5S

RATED VOLTAGE (V DC)	COIL RESISTANCE (Ω +/-10 %)	RATED CURRENT (mA)	MUST OPERATE VOLTAGE (VDC) MAX.	MUST RELEASE VOLTAGE (VDC) MIN.	MAXIMUM VOLTAGE (VDC) MAX.	POWER CONSUMPTION (W)
3	64.3	47	2.25	0.3	7.5	0.14 (APPROX.)
5	178	28	3.75	0.5	12.5	
6	257	23.5	4.5	0.6	15.0	
9	579	15.5	6.75	0.9	22.5	
12	1028	11.7	9.0	1.2	30.0	
24	2880	8.3	18.0	2.4	48.0	0.2 (APPROX.)

1-COIL LATCHING - FRT5-L1

RATED VOLTAGE (V DC)	COIL RESISTANCE (Ω +/-10 %)	SET VOLTAGE (VDC) MAX.	RESET VOLTAGE (V DC) MAX.	MAXIMUM VOLTAGE (VDC) MAX.	POWER CONSUMPTION (W)
3	90	2.25	2.25	8.7	0.10 (APPROX.)
5	250	3.75	3.75	14.5	
6	360	4.5	4.5	17.4	
9	810	6.75	6.75	26.1	
12	1440	9.0	9.0	34.8	
24	3840	18.0	18.0	57.6	0.15 (APPROX.)

FRT5 RELAY



ORDERING INFORMATION

FRT5S - L1 DC 12V

RATED VOLTAGE

NIL : SINGLE SIDE STABLE

L1 : 1 COIL LATCHING (Only For FRT5 series)

L2 : 2 COIL LATCHING (Only For FRT5 series)

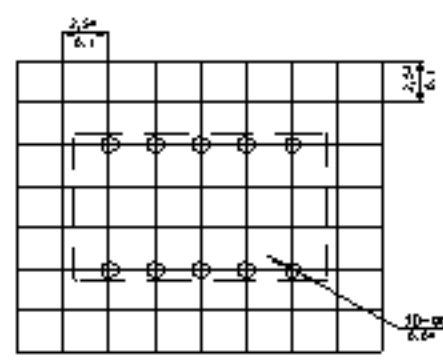
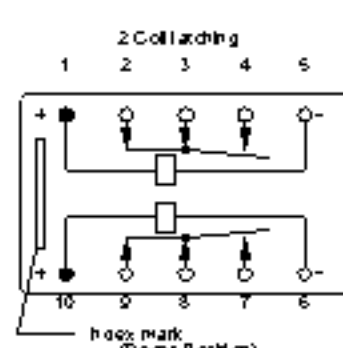
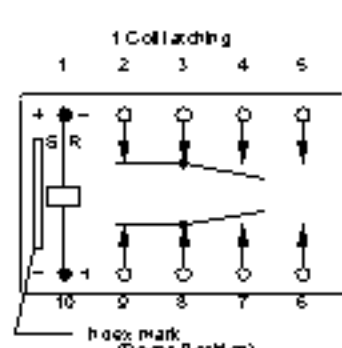
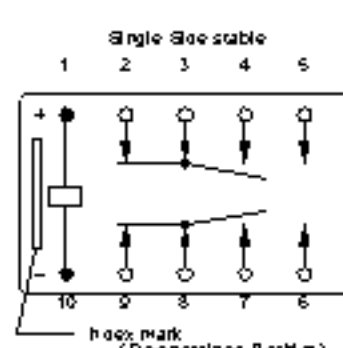
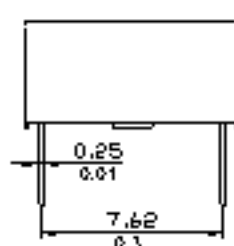
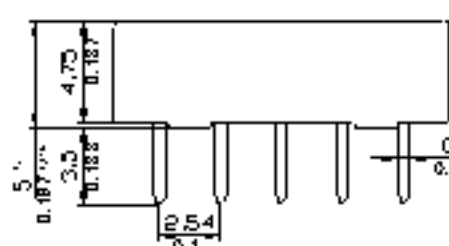
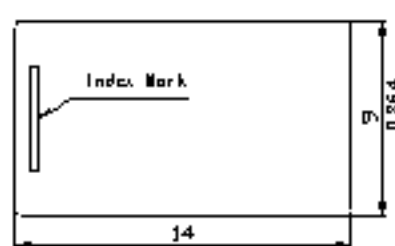
RELAY MODEL

FRT5 : STANDARD PC MOUNT

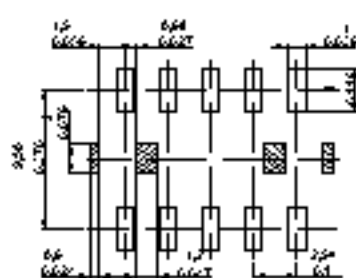
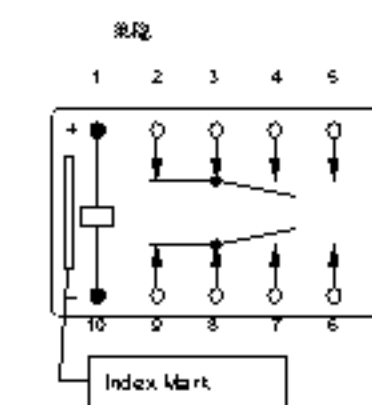
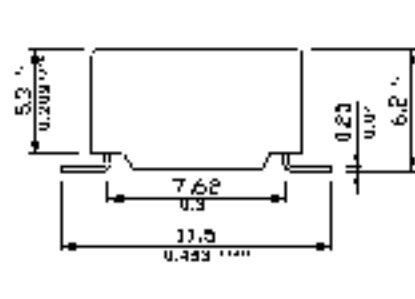
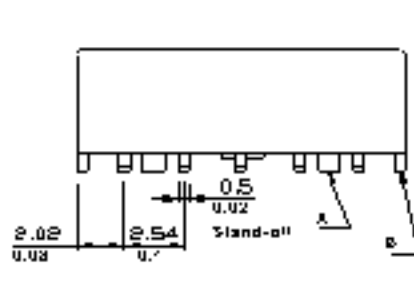
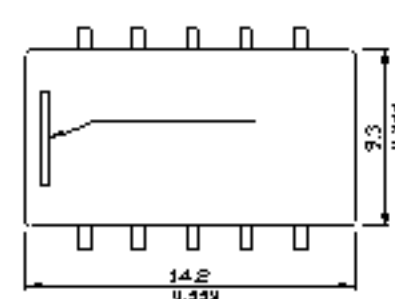
FRT5S : SURFACE MOUNT (SMD TYPE)

DIMENSIONS (UNIT:mm)

FRT5



FRT5S



Soldering pad (for Terminal)
 Reflow pad (for Stand-off A or B)
 Tolerance : ±0.1±0.004