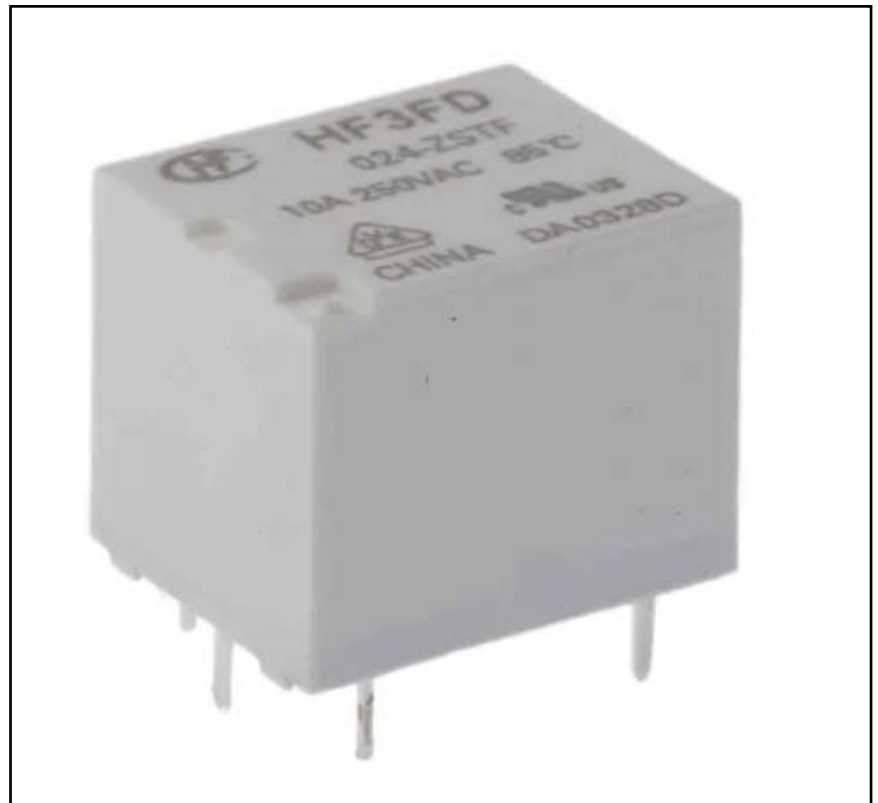


FEATURES

- Subminiature, standard PCB layout
- 2kV dielectric strength (between coil and contacts)
- UL94, V-0 flammability class
- Class F insulation
- Wash tight
- Conforms to CTI 250 & VDE 0631/ 0700

RS PRO, 24V dc Coil Non-Latching Relay SPDT, 10A Switching Current PCB Mount, Single Pole

RS Stock No.: 476-618



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Innovation brings new solutions and makes life more comfortable for us all. An electrical switching device is one of them to appreciate from Automotive engines, industrial machinery to more tangible in household applications, regardless whether it is latching or non-latching Relay. They both represent a different approach to application functionality, bringing your electronics world to life.

General Specifications

Contact Configuration	SPDT
Number of Poles	1
Construction	Flux Proof
Operate Time	10ms max (at nominal Volt)
Release Time	5ms max (at nominal Volt)
Applications	Automotive engines, Household applications, Industrial machinery, Medical equipment, Telecommunications equipment

Electrical Specifications

Coil Power	360mW
Coil Voltage	24V dc
Coil Release Voltage	0.9VDC
Coil Resistance	1.6kΩ
Switching Current	10A
Isolation Coil To Contact	2kV ac
Terminal Type	Through Hole
Dielectric Strength	2.5 KV

Contact Data

Contact Arrangement	1A, 1C
Contact Rating	6A 250VAC/30VDC (Resistive load)
Maximum Switching Voltage (AC)	277V ac
Maximum Switching Voltage (DC)	30V dc
Maximum Switching Current (AC)	15A
Maximum Switching Current (DC)	10A
Maximum Switching Power (AC)	2.77 kVA
Maximum Switching Power (DC)	300 W
Contact Resistance	100mΩ max. (at 1A 6VDC); Gold Plated: 30mΩ (at 1A 6VDC)
Contact Material	AgSnO ₂ , AgNi
Mechanical Endurance	1x10 ⁷ OPS
Electrical Endurance	1x10 ⁵ OPS

Mechanical Specifications

Mounting Type	PCB Mount
Depth	15.2mm
Length	19mm
Height	15.5mm
Unit Weight	Approx. 10g

Operation Environment Specifications

Ambient Temperature	-40°C to 105°C
Humidity	35% to 85% RH
Shock Resistance	Functional 98m/s ² , Destructive 980m/s ²
Vibration Resistance	10Hz to 55Hz 1.5mm DA

Protection Category

IP Rating	IP67
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Approvals

Compliance/Certifications	RoHS and WEEE compliant
Standards Met	IEC 60335-1, UL E134517, VDE 40014057

