

HFS-1A/HFS-1C/HFSS Series High-Speed Reed Relays Ideal for High-Frequency Applications

Key Specifications/Special Features:

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



HFS-1A-05

- Characteristics:
 - High speed as an object for high frequency
 - Best for the tester which needs speed
- Properties:
 - Environmental:
 - Ambient temperature: -10 to +60 degrees Celsius
 - Shock: 20G (0 to 2kHz, 1.5mm maximum)
 - Vibration: 30G (11ms, 1/2 sine wave)
 - Contact:
 - Form: 1M/1T/1M
 - Rating: 10W/3W/10W
 - Switching voltage: 100V/30V/100VDC maximum
 - Switching current: 0.5A/0.1A/0.5A maximum
 - Carry current: 1.0A/0.5A/1.0A maximum
 - Contact resistance: 150m ohms (initial)
 - Coil:
 - Rating voltage: 5, 12, 24VDC
 - Electrical:
 - Operating time: 0.5/1.0/0.5mS maximum
 - Release time: 0.2/1.5/0.2mS maximum
 - Breakdown voltage: across open contacts: 200VDC/contact to shield: 300VDC/200VDC/200VDC
 - Isolation resistance: 1 x 10¹⁰ ohms min. (100VDC)
 - Capacitance:
 - Open contacts: 0.1pF/1.5pF/0.1pF maximum
 - Contact to coax-shield: 2pF/4pF/2pF maximum
 - Thermal electromotive force: 40uV type
 - Life expectancy: 10⁸ operations minimum (mechanical)