## tyco Electronics

### RD-02-03 RFK TWO, FOUR & SIX POLE HALF SIZE RF COAXIAL **FULL SIZE RF COAXIAL HIGH PERFORMANCE RELAY HIGH PERFORMANCE RELAY HIGH PERFORMANCE RELAY QUALIFIED TO DESIGNED TO** DESIGNED TO MIL-R-5757/1, 7 & 8 MIL-R-5757 **MIL-R-5757** ADD ROE FEATURES **FEATURES FEATURES** Hermetically sealed Hermetically sealed ■ Coaxial cables Coaxial cables configurations Optional terminals & Optional terminals & mounting options mounting options mounting options Optional auxiliary Optional auxliary contacts contacts Excellent RF switching Excellent RF switching ELECTRICAL CHARACTERISTICS ELECTRICAL CHARACTERISTICS ELECTRICAL **CHARACTERISTICS** CONTACT ARRANGEMENT CONTACT ARRANGEMENT 2 Form C (DPDT) coaxial 2 Form C (DPDT) coaxial or or 1 Form C (SPDT) coaxial& 1 Form C (SPDT) coaxial& 1 Form C (SPDT) 1 Form C (SPDT) **CONTACT RATINGS** auxiliary contacts auxiliary contacts Low level to 2 A @ CONTACT RATINGS **CONTACT RATINGS** 75 W RF (Switching) **COIL VOLTAGE** 200 W RF (Carry) 75 W RF (Switching) 6 to 26.5 Vdc Low level to 2 Amps @ 200 W RF (Carrv) NOMINAL COIL POWER 28 Vdc resistive Low level to 2 A @ 28 Vdc resistive **COIL VOLTAGE COIL VOLTAGE** 6 to 26.5 VCDC RD6, 03: 3 W 6 to 26.5 Vdc **NOMINAL COIL POWER** ENVIRONMENTAL CHARACTERISTICS **NOMINAL COIL POWER** 1 W 1 W ENVIRONMENTAL CHARACTERISTICS ENVIRONMENTAL CHARACTERISTICS -65°C to +125°C TEMPERATURE TEMPERATURE -65°C to +85°C 100 G's, 6 ms -65°C to +85°C SHOCK VIBRATION SHOCK 100 G's, 6 ms 20 G's. 10 to 2000 Hz 100 G's, 6 ms VIBRATION VIBRATION 20 G's, 10 to 2000 Hz 20 G's, 10 to 2000 Hz

# **MFW**

1/6 SIZE HIGH PERFORMANCE RELAY

### **QUALIFIED TO** MIL-R-39016/34



### FEATURES

- Hermetically sealed
- Compact size
- Optional terminals & mounting options
- Excellent RF switching

### ELECTRICAL **CHARACTERISTICS**

- CONTACT ARRANGEMENT
- 2 Form C (DPDT)

### **CONTACT RATINGS**

Low level to 2 A @ 28 Vdc resistive

**COIL VOLTAGE** 

3.5 to 53 Vdc

**NOMINAL COIL POWER** 

450 mW

## ENVIRONMENTAL CHARACTERISTICS

### TEMPERATURE

-65°C to +125°C

SHOCK

100 G's, 6 ms VIBRATION 20 G's, 10 to 2000 Hz

**OPL APPROVAL** M39016/34

- Hermetically sealed
- Multi-pole
- Optional terminals &

MFW • RD • RFK • RFB

## CONTACT ARRANGEMENT

02: 2 Form C (DPDT) RD4: 4 Form C (4PDT) RD6,03: 6 Form C (6PDT)

28 Vdc resistive

02: 450 mW RD4: 2 W

TEMPERATURE

SHOCK

**QPL APPROVAL** 

RD6: M5757/1 RD4: M5757/7 02: M5757/8

# RFB