

# MFW · RD · RFK · RFB

MFW · RD · RFK · RFB HIGH PERFORMANCE RELAYS

## 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

#### QPL APPROVAL

M39016/34

## RD·02·03

TWO, FOUR & SIX POLE HIGH PERFORMANCE RELAY

QUALIFIED TO MIL-R-5757/1, 7 & 8



### FEATURES

- Hermetically sealed
- Multi-pole configurations
- Optional terminals & mounting options

### ELECTRICAL CHARACTERISTICS

#### CONTACT ARRANGEMENT

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

#### CONTACT RATINGS

Low level to 2 A @ 28 Vdc resistive

#### COIL VOLTAGE

6 to 26.5 Vdc

#### NOMINAL COIL POWER

02: 450 mW  
RD4: 2 W  
RD6, 03: 3 W

### ENVIRONMENTAL CHARACTERISTICS

#### TEMPERATURE

-65°C to +125°C

#### SHOCK

100 G's, 6 ms

#### VIBRATION

20 G's, 10 to 2000 Hz

#### QPL APPROVAL

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

## RFK

HALF SIZE RF COAXIAL HIGH PERFORMANCE RELAY

DESIGNED TO MIL-R-5757



### FEATURES

- Hermetically sealed
- Coaxial cables
- Optional terminals & mounting options
- Optional auxiliary contacts
- Excellent RF switching

### ELECTRICAL CHARACTERISTICS

#### CONTACT ARRANGEMENT

2 Form C (DPDT) coaxial  
*or*  
1 Form C (SPDT) coaxial & 1 Form C (SPDT) auxiliary contacts

#### CONTACT RATINGS

75 W RF (Switching)  
200 W RF (Carry)  
Low level to 2 Amps @ 28 Vdc resistive

#### COIL VOLTAGE

6 to 26.5 VCDC

#### NOMINAL COIL POWER

1 W

### ENVIRONMENTAL CHARACTERISTICS

#### TEMPERATURE

-65°C to +85°C

#### SHOCK

100 G's, 6 ms

#### VIBRATION

20 G's, 10 to 2000 Hz

## RFB

FULL SIZE RF COAXIAL HIGH PERFORMANCE RELAY

DESIGNED TO MIL-R-5757



### FEATURES

- Hermetically sealed
- Coaxial cables
- Optional terminals & mounting options
- Optional auxiliary contacts
- Excellent RF switching

### ELECTRICAL CHARACTERISTICS

#### CONTACT ARRANGEMENT

2 Form C (DPDT) coaxial  
*or*  
1 Form C (SPDT) coaxial & 1 Form C (SPDT) auxiliary contacts

#### CONTACT RATINGS

75 W RF (Switching)  
200 W RF (Carry)  
Low level to 2 A @ 28 Vdc resistive

#### COIL VOLTAGE

6 to 26.5 Vdc

#### NOMINAL COIL POWER

1 W

### ENVIRONMENTAL CHARACTERISTICS

#### TEMPERATURE

-65°C to +85°C

#### SHOCK

100 G's, 6 ms

#### VIBRATION

20 G's, 10 to 2000 Hz