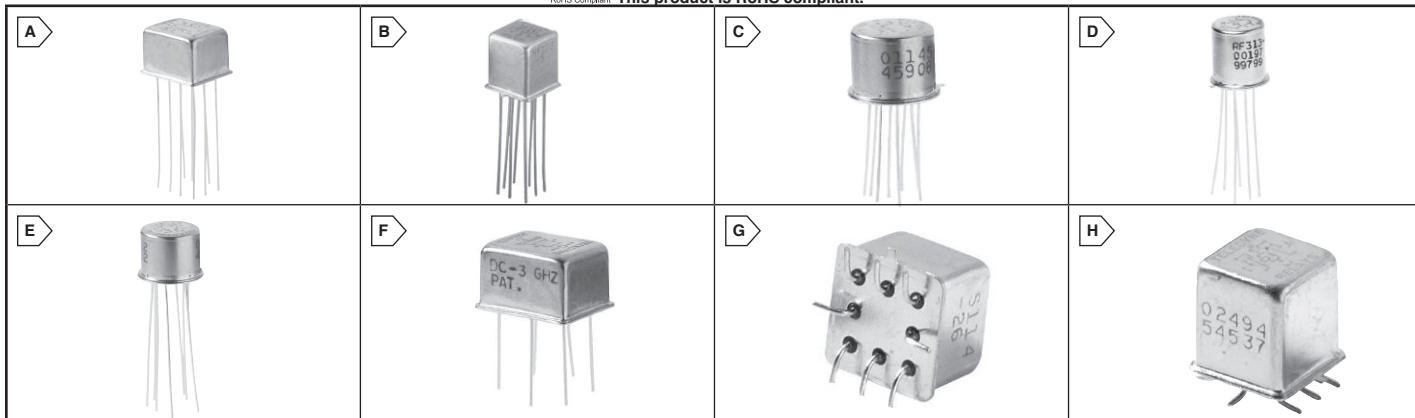


TELEDYNE RF, General Purpose Centigrad & TO-5 Relays



This product is RoHS compliant.



RF180 SERIES HIGH ISOLATION LATCHING RELAYS

Features:
 • RF180 Series DPDT magnetic latching relays are designed to optimize isolation across contacts @4GHz Isolation = 30dB, Insertion Loss = 0.38dB, VSWR = 1.20:1
 RoHS Compliant
 * For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Teledyne Part No. | Fig. | Coil Voltage | Frequency | Contact Res. | Price Each | |
|------------------|-------------------|------|--------------|-----------|--------------|------------|-------|
| | | | | | | 1 | 25 |
| 881-RF180-5 | RF180-5 | A | 5V | DC-6GHz | 0.15 | 48.89 | 46.41 |
| 881-RF180-12 | RF180-12 | A | 12V | DC-6GHz | 0.15 | 51.31 | 49.12 |
| 881-RF180-26 | RF180-26 | A | 26V | DC-6GHz | 0.15 | 48.89 | 46.41 |

RF100/103 SERIES HIGH REPEATABILITY CENTIGRID® RELAYS

Features:
 • RF100/103 Series DPDT high repeatability broadband relays are designed to provide improved RF signal repeatability over the frequency range.
 RoHS Compliant
 * High Sensitivity
 * For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Teledyne Part No. | Fig. | Coil Voltage | Frequency | Contact Res. | Price Each | |
|------------------|-------------------|------|--------------|-----------|--------------|------------|-------|
| | | | | | | 1 | 25 |
| 881-RF100-5 | RF100-5 | B | 5V | DC-4GHz | 0.10 | 53.30 | 45.99 |
| * 881-RF103-12 | RF103-12 | B | 12V | DC-4GHz | 0.10 | 51.49 | 45.27 |
| * 881-RF103-5 | RF103-5 | B | 5V | DC-4GHz | 0.10 | 52.49 | 46.27 |

RF300/303 SERIES HIGH REPEATABILITY TO-5 RELAYS

Features:
 • RF300/303 Series DPDT high repeatability broadband relays are designed to provide improved RF signal repeatability over the frequency range.
 RoHS Compliant
 * High Sensitivity
 * For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Teledyne Part No. | Fig. | Coil Voltage | Frequency | Contact Res. | Price Each | |
|------------------|-------------------|------|--------------|-----------|--------------|------------|-------|
| | | | | | | 1 | 25 |
| 881-RF300-12 | RF300-12 | C | 12V | DC-3GHz | 0.15 | 45.61 | 39.73 |
| 881-RF300-5 | RF300-5 | C | 5V | DC-3GHz | 0.15 | 45.61 | 39.73 |
| * 881-RF303-12 | RF303-12 | C | 12V | DC-3GHz | 0.15 | 54.85 | 48.68 |
| * 881-RF303-5 | RF303-5 | C | 5V | DC-3GHz | 0.15 | 56.78 | 49.45 |

RF311 SERIES HIGH REPEATABILITY, TO-5 RELAY

Features:
 • The ultraminiature RF311 and RF331 relays are designed to provide improved RF signal repeatability over the frequency range
 • SPDT
 RoHS Compliant

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Teledyne Part No. | Fig. | Coil Voltage | Frequency | Contact Res. | Price Each | |
|------------------|-------------------|------|--------------|-----------|--------------|------------|-------|
| | | | | | | 1 | 25 |
| 881-RF311-5/G | RF311-5/G | B | 5V | DC-8GHz | 0.15 | 54.22 | 47.00 |
| 881-RF311-12/G | RF311-12/G | B | 12V | DC-8GHz | 0.15 | 54.22 | 47.00 |
| 881-RF311-26/G | RF311-26/G | B | 26.5V | DC-8GHz | 0.15 | 54.22 | 47.00 |

RF312 SERIES HIGH REPEATABILITY 12GBPS SIGNAL INTEGRITY TO-5 RELAY

Features:
 • The RF312 offers monotonic insertion loss to 8GHz.
 • DPDT
 RoHS Compliant

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Teledyne Part No. | Fig. | Coil Voltage | Frequency | Contact Res. | Price Each | |
|------------------|-------------------|------|--------------|-----------|--------------|------------|-------|
| | | | | | | 1 | 25 |
| 881-RF312-5/G | RF312-5/G | C | 5V | DC-8GHz | 0.15 | 75.62 | 68.19 |
| 881-RF312-12/G | RF312-12/G | C | 12V | DC-8GHz | 0.15 | 72.36 | 62.78 |

RF313 SERIES HIGH REPEATABILITY, NORMALLY CLOSED BYPASS RF RELAYS

Features:
 • RF313 Series normally closed high repeatability broadband relays are designed with an internal bypass to provide low insertion loss and VSWR through the bypass.
 RoHS Compliant
 * High Sensitivity
 * For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Teledyne Part No. | Fig. | Coil Voltage | Frequency | Contact Res. | Price Each | |
|------------------|-------------------|------|--------------|-----------|--------------|------------|-------|
| | | | | | | 1 | 25 |
| * 881-RF313-12 | RF313-12 | D | 12V | DC-3GHz | 0.15 | 50.28 | 44.00 |
| * 881-RF313-5 | RF313-5 | D | 5V | DC-3GHz | 0.15 | 50.28 | 44.00 |

412H/422H SERIES HI-TEMPERATURE, HI-PERFORMANCE TO-5 RELAY

Features:
 • 412H/422H Series DPDT high-performance, high-temperature relays are designed for reliable operation in elevated ambient temperatures up to 200°C.
 RoHS Compliant
 * For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Teledyne Part No. | Fig. | Coil Voltage | Frequency | Coil Res. (Ω) | Price Each | |
|------------------|-------------------|------|--------------|-----------|---------------|------------|-------|
| | | | | | | 1 | 25 |
| 881-412H-12 | 412H-12 | E | 12V | DC-1GHz | 390 | 61.57 | 58.73 |
| 881-412H-26 | 412H-26 | E | 26V | DC-1GHz | 1560 | 61.57 | 58.73 |
| 881-412H-5 | 412H-5 | E | 5V | DC-1GHz | 50 | 59.60 | 55.97 |
| 881-422H-12 | 422H-12 | E | 12V | DC-1GHz | 500 | 92.47 | 88.42 |
| 881-422H-26 | 422H-26 | E | 26V | DC-1GHz | 2000 | 92.47 | 88.42 |

A150 SERIES ULTRAMINIATURE BROADBAND ATTENUATOR RELAY

Features:
 • A150 Series ultraminiature attenuator relays are designed for attenuating RF signals in 50-ohm systems over a frequency range from DC-3GHz.
 RoHS Compliant
 * For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Teledyne Part No. | Fig. | Coil Voltage | Frequency | Coil Res. (Ω) | Price Each | |
|------------------|-------------------|------|--------------|-----------|---------------|------------|-------|
| | | | | | | 1 | 25 |
| 881-A150-20-5 | A150-20-5 | F | 5V | DC-3GHz | 50 | 69.91 | 60.86 |

A152 SERIES ULTRAMINIATURE ATTENUATOR RELAY

Features:
 • The Series A152 highly repeatable ultraminiature attenuator relays are designed for attenuating RF signals in 50-ohm systems over a frequency range from DC to 5GHz.
 RoHS Compliant
 * For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Teledyne Part No. | Fig. | Coil Voltage | Price Each | |
|------------------|-------------------|------|--------------|------------|-------|
| | | | | 1 | 25 |
| 881-A152-5-26/G | A152-5-26/G | F | 5 | 83.88 | 72.43 |
| 881-A152-10-26/G | A152-10-26/G | F | 10V | 83.88 | 72.43 |
| 881-A152-20-26/G | A152-20-26/G | F | 20V | 83.88 | 72.43 |

S114 SERIES DPDT CENTIGRID® SMT RF RELAYS

Features:
 • All welded construction * With internal diode
 • High force/mass ratios † With internal diode and polarity reversal protection
 RoHS Compliant
 * For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Teledyne Part No. | Fig. | Coil Voltage | Frequency | Coil Res. (Ω) | Price Each | |
|------------------|-------------------|------|--------------|-----------|-----------------|------------|-------|
| | | | | | | 1 | 25 |
| 881-S114-26 | S114-26 | G | 26.5 V | 1560 | ----- | 38.37 | 34.32 |
| 881-S114-5 | S114-5 | G | 5 V | 50 | ----- | 38.37 | 34.32 |
| * 881-S114D-12 | S114D-12 | G | 12 V | 390 | ----- | 40.28 | 36.23 |
| * 881-S114D-26 | S114D-26 | G | 26.5 V | 1560 | ----- | 40.28 | 36.23 |
| * 881-S114D-5 | S114D-5 | G | 5 V | 50 | ----- | 39.94 | 37.51 |
| † 881-S114DD-5 | S114DD-5 | G | 5 V | 39 | 93.2-128-2 mAdc | 41.31 | 37.26 |

S134 SERIES DPDT SENSITIVE CENTIGRID® SMT RF RELAYS

Features:
 • All welded construction * With internal diode
 • High force/mass ratios * With internal diode
 RoHS Compliant
 * For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Teledyne Part No. | Fig. | Coil Voltage | Frequency | Coil Res. (Ω) | Price Each | |
|------------------|-------------------|------|--------------|-----------|---------------|------------|-------|
| | | | | | | 1 | 25 |
| * 881-S134D-12 | S134D-12 | H | 12 V | 800 | ----- | 42.76 | 38.36 |
| * 881-S134D-26 | S134D-26 | H | 26.5 V | 3200 | ----- | 42.76 | 38.36 |
| * 881-S134D-5 | S134D-5 | H | 5 V | 100 | ----- | 42.76 | 38.36 |

Teledyne

Frequency Relays