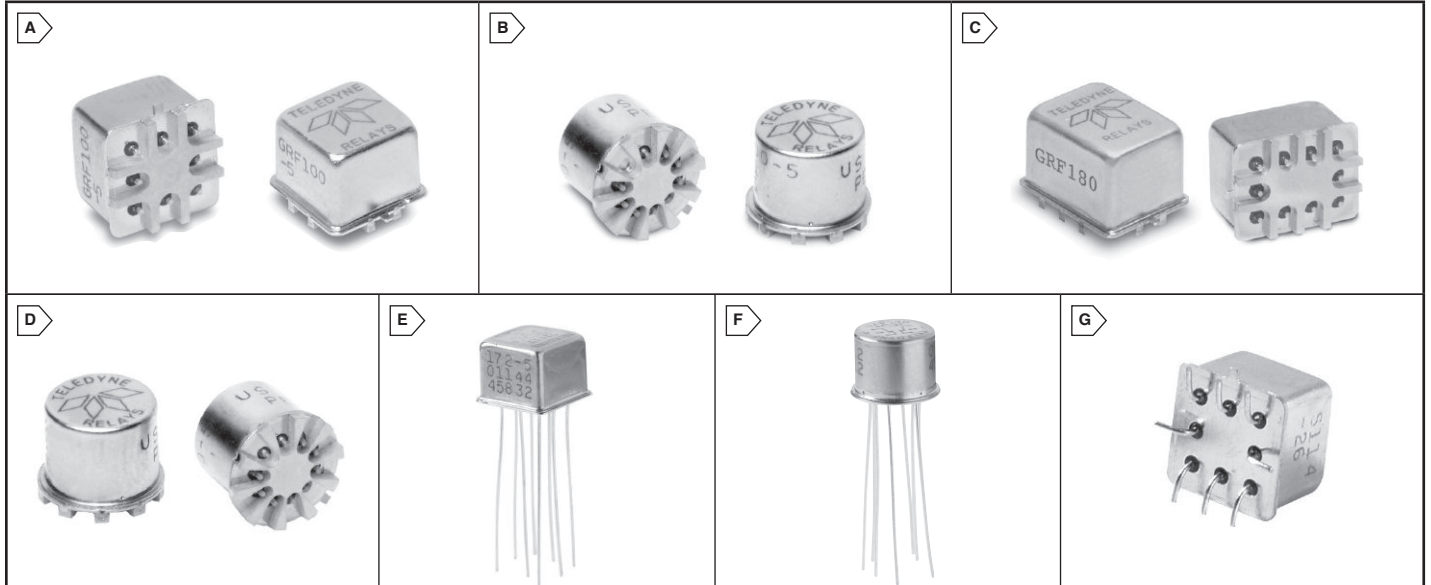


# TELEDYNE RF, General Purpose Centigrad & TO-5 Relays



RoHS Compliant This product is RoHS compliant.



## GRF SERIES SURFACE MOUNT RF RELAYS

### GRF100/103 Series

- Features:**
- GRF100/103 Series surface mount RF relays are designed to provide excellent RF signal repeatability.
  - Repeatability = ±0.1dB
  - \* High sensitivity



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Teledyne Part No.	Fig.	Coil Voltage	Freq.	Coil Res. (Ω)	Price Each	
						1	25
<a href="#">881-GRF100-5</a>	GRF100-5	A	5V	DC-6GHz	0.10W	46.92	40.57
<a href="#">881-GRF100-12</a>	GRF100-12	A	12V	DC-6GHz	0.10W	46.92	40.57
* <a href="#">881-GRF103-5</a>	GRF103-5	A	5V	DC-6GHz	0.10W	49.15	45.52
* <a href="#">881-GRF103-12</a>	GRF103-12	A	12V	DC-6GHz	0.10W	49.15	45.52

### GRF172 Series

- Features:**
- GRF172 Series surface mount RF relays are designed to provide excellent RF signal repeatability.
  - † With internal diode



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Teledyne Part No.	Fig.	Coil Voltage	Freq.	Coil Res. (Ω)	Price Each	
						1	25
<a href="#">881-GRF172-5</a>	GRF172-5	A	5V	DC-6GHz	0.15W	33.27	32.49
<a href="#">881-GRF172-12</a>	GRF172-12	A	12V	DC-6GHz	0.15W	34.94	33.53
† <a href="#">881-GRF172D-5</a>	GRF172D-5	A	5V	DC-6GHz	0.15W	36.10	35.16
† <a href="#">881-GRF172D-12</a>	GRF172D-12	A	12V	DC-6GHz	0.15W	38.02	37.26

### GRF300/303 Series

- Features:**
- GRF300/303 Series surface mount RF relays are designed to provide excellent RF signal repeatability.
  - Repeatability = ±0.1dB
  - \* High sensitivity



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Teledyne Part No.	Fig.	Coil Voltage	Freq.	Coil Res. (Ω)	Price Each	
						1	25
<a href="#">881-GRF300-5</a>	GRF300-5	B	5V	DC-6GHz	0.10W	50.33	44.04
<a href="#">881-GRF300-12</a>	GRF300-12	B	12V	DC-6GHz	0.10W	54.33	48.04
* <a href="#">881-GRF303-5</a>	GRF303-5	B	5V	DC-6GHz	0.10W	52.57	45.98

### GRF312 Series

- Features:**
- The ultraminiature GRF312 relay is designed to improve upon the GRF300/GRF303 relay's high frequency performance.
  - High Repeatability
  - DPDT



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Teledyne Part No.	Fig.	Coil Voltage	Freq.	Coil Res. (Ω)	Price Each	
						1	25
<a href="#">881-GRF312-5</a>	GRF312-5	B	5V	DC-8GHz	0.15W	74.53	64.92
<a href="#">881-GRF312-12</a>	GRF312-12	B	12V	DC-8GHz	0.15W	77.53	68.46

## GRF SERIES HIGH ISOLATION LATCHING RELAYS

### GRF180 Series

- Features:**
- GRF180 Series DPDT magnetic latching relays are designed to optimize isolation across contacts @4GHz Isolation = 36dB, Insertion Loss = 0.38dB, VSWR = 1.20:1



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Teledyne Part No.	Fig.	Coil Voltage	Freq.	Coil Res. (Ω)	Price Each	
						1	25
<a href="#">881-GRF180-5</a>	GRF180-5	C	5V	DC-6GHz	0.15W	55.58	53.55
<a href="#">881-GRF180-12</a>	GRF180-12	C	12V	DC-6GHz	0.15W	55.58	53.55

### GRF342 Series

- Features:**
- GRF342 Series DPDT magnetic latching relays are designed to optimize isolation across contacts @4GHz Isolation = 36dB, Insertion Loss = 0.38dB, VSWR = 1.20:1



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Teledyne Part No.	Fig.	Coil Voltage	Freq.	Coil Res. (Ω)	Price Each	
						1	25
<a href="#">881-GRF342-5</a>	GRF342-5	D	5V	DC-6GHz	0.15W	68.70	60.10
<a href="#">881-GRF342-12</a>	GRF342-12	D	12V	DC-6GHz	0.15W	73.70	65.10

## DPDT GENERAL PURPOSE CENTIGRID AND TO-5 RELAYS

- Features:**
- Hermetically sealed
  - Surface mount (S172 Series)
  - Gold-plated contacts
  - Dry circuit to 1A, 28VDC
  - Superb RF performance, DC to 1GHz



\*With internal transistor driver For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Teledyne Part No.	Fig.	Coil Voltage	Freq.	Coil Res. (Ω)	Price Each	
						1	25
<a href="#">881-172-12</a>	172-12	E	12V	DC-1GHz	0.15W	29.11	27.63
<a href="#">881-172-26</a>	172-26	E	26V	DC-1GHz	0.15W	27.99	26.75
<a href="#">881-172-5</a>	172-5	E	5V	DC-1GHz	0.15W	30.00	28.56
† <a href="#">881-172D-12</a>	172D-12	E	12V	DC-1GHz	0.15W	32.22	30.91
† <a href="#">881-172D-26</a>	172D-26	E	26V	DC-1GHz	0.15W	31.71	30.56
† <a href="#">881-172D-5</a>	172D-5	E	5V	DC-1GHz	0.15W	32.22	30.91
† <a href="#">881-172DM4-12</a>	172DM4-12	E	12V	DC-1GHz	0.15W	33.62	31.28
† <a href="#">881-172DM4-26</a>	172DM4-26	E	26V	DC-1GHz	0.15W	26.42	25.36
<a href="#">881-172M4-5</a>	172M4-5	E	5V	DC-1GHz	0.15W	24.68	23.51
<a href="#">881-712-12</a>	712-12	F	12V	DC-1GHz	0.15W	27.59	26.58
<a href="#">881-712-26</a>	712-26	F	26V	DC-1GHz	0.15W	29.59	28.98
<a href="#">881-712-5</a>	712-5	F	5V	DC-1GHz	0.15W	28.59	27.82
† <a href="#">881-712D-12</a>	712D-12	F	12V	DC-1GHz	0.15W	33.82	32.21
† <a href="#">881-712D-26</a>	712D-26	F	26V	DC-1GHz	0.15W	38.69	36.97
† <a href="#">881-712D-5</a>	712D-5	F	5V	DC-1GHz	0.15W	34.04	32.66
† <a href="#">881-712DY-12</a>	712DY-12	F	12V	DC-1GHz	0.15W	36.30	35.02
* † <a href="#">881-712TN-5</a>	712TN-5	F	5V	DC-1GHz	0.15W	48.84	48.00
<b>Magnetic Latching</b>							
<a href="#">881-722-12</a>	722-12	F	12V	DC-1GHz	0.15W	56.23	53.48
<a href="#">881-722-26</a>	722-26	F	26V	DC-1GHz	0.15W	56.23	53.48
<a href="#">881-722-5</a>	722-5	F	5V	DC-1GHz	0.15W	56.23	53.48
<b>High Sensitivity</b>							
<a href="#">881-732-12</a>	732-12	F	12V	DC-1GHz	0.15W	34.72	29.14
<a href="#">881-732-5</a>	732-5	F	5V	DC-1GHz	0.15W	32.71	30.14
† <a href="#">881-732D-12</a>	732D-12	F	12V	DC-1GHz	0.15W	35.48	34.51
† <a href="#">881-732D-5</a>	732D-5	F	5V	DC-1GHz	0.15W	34.48	33.51
* † <a href="#">881-732TN-5</a>	732TN-5	F	5V	DC-1GHz	0.15W	47.32	45.65
* † <a href="#">881-732TN-12</a>	732TN-12	F	12V	DC-1GHz	0.15W	47.28	46.42
<b>Surface Mount</b>							
<a href="#">881-S172-12</a>	S172-12	G	12V	DC-1GHz	0.15W	30.80	28.92
<a href="#">881-S172-5</a>	S172-5	G	5V	DC-1GHz	0.15W	31.02	29.06
† <a href="#">881-S172D-12</a>	S172D-12	G	12V	DC-1GHz	0.15W	35.47	33.39
† <a href="#">881-S172D-26</a>	S172D-26	G	26V	DC-1GHz	0.15W	35.47	33.39
† <a href="#">881-S172D-5</a>	S172D-5	G	5V	DC-1GHz	0.15W	34.69	32.24