

MEDER Reed Relays



This product is RoHS compliant.



MEDER CRF SERIES-7GHz HIGH FREQUENCY

- Features:**
- Available with BGA
 - Very low profile
 - Minimum path length for RF

- Applications:**
- High frequency applications
 - High speed applications

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Meder Part No.	Fig.	Description	Price Each	
				1	10
876-CRF05-1A	CRF05-1A	A	Reed Relay 1 Form A, 5V Surface Mount High Frequency	7.63	7.07

MEDER CRR SERIES-SURFACE MOUNT

- Features:**
- Ceramic/Thermoset molded package
 - Gold plated leads
 - Very low profile

- Applications:**
- Telecommunications
 - Test and measurement systems
 - Medical applications

876-CRR05-1A	CRR05-1A	B	Reed Relay 1 Form A, 5V Surface Mount Ultra Small Low Profile	7.84	6.48
--------------	----------	---	---	------	------

MEDER DIP SERIES-MOLDED DIP

- Features:**
- Low and high profile package
 - Standard pin configurations
 - Versions with diode available
 - IC - pin compatible

- Applications:**
- Test and Measurements
 - Telecommunications
 - Security

876-DIP05-1A72-11L	DIP05-1A72-11L	B	Reed Relay, 1 Form A, 5V Molded Dip	4.68	4.15
876-DIP05-1A72-11D	DIP05-1A72-11D	B	Reed Relay, 1 Form A, 5V Molded Dip with Diode	2.97	2.82
876-DIP05-2A72-21D	DIP05-2A72-21D	B	Reed Relay, 2 Form A, SPST-NO, 5V Molded Dip with Diode	6.68	6.07
876-DIP05-1A72-12L	DIP05-1A72-12L	B	Reed Relay 1 Form A, 5V Molded Dip	2.80	2.66
876-DIP05-1A72-13L	DIP05-1A72-13L	B	Reed Relay, 1 Form A SPST-NO 5V Mold DIP	3.00	3.00
876-DIP05-2A72-21L	DIP05-2A72-21L	B	Reed Relay 2 Form A 5V Molded Dip	4.40	4.00
876-DIP05-1C90-51L	DIP05-1C90-51L	B	Reed Relay 1 Form C, 5V Molded Dip	6.04	5.49
876-DIP12-1A72-12D	DIP12-1A72-12D	B	Reed Relay, 1 Form A, SPST-NO, 12V Molded Dip with Diode	3.88	3.36
876-DIP12-1A72-12L	DIP12-1A72-12L	B	Reed Relay, 1 Form A, SPST-NO, 12V Molded Dip	3.39	3.09
876-DIP12-1C90-51D	DIP12-1C90-51D	B	Reed Relay, 1 Form C, SPDT-Changeover, 12V Molded Dip w/Diode	8.16	7.41
876-DIP12-1C90-51L	DIP12-1C90-51L	B	Reed Relay, 1 Form C, SPDT-Changeover, 12V Molded Dip	7.96	6.25
876-DIP12-2A72-21D	DIP12-2A72-21D	B	Reed Relay, 2 Form A, SPST-NO, 12V Molded Dip with Diode	6.10	5.55
876-DIP12-2A72-21L	DIP12-2A72-21L	B	Reed Relay, 2 Form A, SPST-NO, 12V Molded Dip	5.86	5.32
876-DIP24-1A72-12D	DIP24-1A72-12D	B	Reed Relay, 1 Form A, SPST-NO, 12V Molded Dip with Diode	3.80	3.45
876-DIP24-1A72-12L	DIP24-1A72-12L	B	Reed Relay, 1 Form A, SPST-NO, 12V Molded Dip	3.52	3.20
876-DIP24-1C90-51D	DIP24-1C90-51D	B	Reed Relay, 1 Form C, SPDT-Changeover, 24V Molded Dip w/Diode	8.56	7.77
876-DIP24-1C90-51L	DIP24-1C90-51L	B	Reed Relay, 1 Form C, SPDT-Changeover, 24V Molded Dip	8.04	7.30
876-DIP24-2A72-21D	DIP24-2A72-21D	B	Reed Relay, 2 Form A, SPST-NO, 24V Molded Dip with Diode	6.22	5.66
876-DIP24-2A72-21L	DIP24-2A72-21L	B	Reed Relay, 2 Form A, SPST-NO, 24V Molded Dip	5.98	5.43

MEDER HIGH VOLTAGE/HIGH CURRENT REED RELAYS

A full spectrum of sizes, power, and high voltage switching options are just a few features offered, among the seven types of MEDER High Voltage/High Current Reed Relays, Switching voltages as high as 10kVDC and breakdown voltages to 15kVDC. Continuous carry current up to Amps and pulsed currents 30 Amps.

H Series					
876-H24-1A83	H24-1A83	C	Reed Relay, 1 Form A SPST-NO 12V HIV PCB	82.35	74.51
HE Series					
876-HE12-1A83-02	HE12-1A83-02	D	Reed Relay 1 Form A SPST-NO 12 V High Voltage PCB	37.27	35.94
876-HE12-1A83-03	HE12-1A83-03	D	Reed Relay 1 Form A SPST-NO 12 V High Voltage PCB	37.27	35.94
HM Series					
876-HM12-1A69-150	HM12-1A69-150	E	Reed Relay, 1 Form A SPST-NO 12V HIV PCB	65.52	62.07
876-HM24-1A83-02	HM24-1A83-02	E	Reed Relay, 1 Form A SPST-NO 24V HIV PCB	61.03	57.82

MEDER LI SERIES-MINIATURE HIGH VOLTAGE PCB MOUNTING

- Features:**
- Smallest possible housing
 - Spacing saving package
 - High resistance available
 - Breakdown voltage 4.5kVDC
- Applications:**
- High voltage test systems
 - Cable and in-circuit test equipment
 - Battery operated high voltage test equipment

876-LI12-1A85	LI12-1A85	F	Reed Relay 1 Form A, 12V High Voltage PCB Mounting (Small Package)	7.49	6.93
---------------	-----------	---	--	------	------

MEDER MS SERIES MICRO SIL REED RELAY

- Features:**
- Contact Form 1A, 1B and 2A
 - Coaxial shield option for 1A
 - Internal magnetic shield on all relays
 - Diode option available
 - High coil resistance option for 1A
 - UL available on most models

876-MS05-1A87-75DHR	MS05-1A87-75DHR	G	Reed Relay 1 Form A 5 V Micro SIL w/diode	5.38	4.68
876-MS05-1A87-75LHR	MS05-1A87-75LHR	G	Reed Relay 1 Form A 5 V Micro SIL hi resist	4.02	3.82
876-MS05-2A87-78D	MS05-2A87-78D	G	Reed Relay 2 Form A DPST-NO 5V Micro SIL with Diode	10.68	9.75
876-MS05-2A87-78L	MS05-2A87-78L	G	Reed Relay, 2 Form A, DPST-NO, 5V Micro SIL (Single In-Line)	10.22	9.72
876-MS05-2A87-78L	MS05-2A87-78L	G	Reed Relay, 2 Form A, DPST-NO, 5V Micro SIL (Single In-Line)	10.22	9.72
876-MS12-1A87-75D	MS12-1A87-75D	G	Reed Relay 1 Form A 12 V Micro SIL with diode	5.56	5.29

MEDER MRX SERIES-EX-APPROVED REED RELAYS

- Features:**
- Up to 4 form A switches or 1 form C switch are available according to the different castings

876-MRX05-1C21	MRX05-1C21	H	Ex-Approved Relays, 1 Form C, SPDT, 5V	26.78	24.72
876-MRX05-1A71	MRX05-1A71	H	Ex-Approved Relays, 1 Form A, SPST-NO, 5V	14.18	13.09
876-MRX12-1A71	MRX12-1A71	H	Ex-Approved Relays, 1 Form A, SPST-NO, 12V	13.58	12.82
876-MRX12-1C90	MRX12-1C90	H	Ex-Approved Relays, 1 Form C, SPDT, 12V	25.24	22.72

MEDER SIL SERIES-SINGLE IN LINE

- Features:**
- High resistance coils of up to 2000 Ω at 12V
 - Magnetic shield available
 - Breakdown voltage coil-contact up to 4.25kVDC
- Applications:**
- ATE
 - Measurement equipment
 - Telecommunications

876-SIL05-1A72-71D	SIL05-1A72-71D	I	Reed Relay 1 Form A, 5V SIL (Single In-Line) w/Diode	3.55	3.28
876-SIL05-1A72-71L	SIL05-1A72-71L	I	Reed Relay 1 Form A, 5V SIL (Single In-Line)	3.51	3.14
876-SIL05-1A85-76D2K	SIL05-1A85-76D2K	I	Reed Relay RELAY REED SPST-NO 5V 100W SIL	11.13	10.16
876-SIL05-1A85-76L2K	SIL05-1A85-76L2K	I	Reed Relay RELAY REED SPST-NO 5V 100W SIL	10.05	9.17
876-SIL051A8576L3K	SIL05-1A85-76L3K	I	Reed Relay, 1 Form A, SPST-NO, 5V SIL, High Power, 3kV breakdown	5.29	4.81
876-SIL051A8576L4K	SIL05-1A85-76L4K	I	Reed Relay, 1 Form A, SPST-NO, 5V SIL, High Power, 4kV breakdown	8.34	7.63
876-SIL05-1A85-76D3K	SIL05-1A85-76D3K	I	Reed Relay 1 Form A SPST-NO 5V SIL, HP 3kV with Diode	13.42	11.18
876-SIL05-1A85-76D4K	SIL05-1A85-76D4K	I	Reed Relay 1 Form A SPST-NO, 5V SIL, HP 4kV with Diode	13.42	11.18
876-SIL12-1A72-71L	SIL12-1A72-71L	I	Reed Relay 1 Form A 12 V SIL	3.97	3.28
876-SIL12-1A72-71D	SIL12-1A72-71D	I	Reed Relay, 1 Form A, SPST-NO, 12V SIL (Single In-Line) w/Diode	2.83	2.32
876-SIL24-1A72-71D	SIL24-1A72-71D	I	Reed Relay, 1 Form A, SPST-NO, 24V SIL (Single In-Line) w/Diode	2.92	2.40
876-SIL24-1A72-71L	SIL24-1A72-71L	I	Reed Relay, 1 Form A, SPST-NO, 24V SIL (Single In-Line)	3.27	2.95

MEDER UMS SERIES/MICRO SIL REED RELAYS

- Features:**
- Ultra miniature size
 - Standard in-line package
 - Internal diode
 - Internal magnetic shield
 - PCB through hole mounting
 - Hermetically sealed thermoset
 - Molded encapsulation
 - Dynamically tested contacts

876-UMS05-1A80-75D	UMS05-1A80-75D	J	Reed Relay, 1 Form A SPST-NO 5V SIL with Diode	5.12	4.61
876-UMS05-1A80-75L	UMS05-1A80-75L	J	Reed Relay, 1 Form A SPST-NO 5V SIL	4.65	4.19

DIMENSIONS: in. (mm)

A 0.05 (0.002) Coplanarity on base

B High profile package w/o magnetic shield
Low profile package w/o magnetic shield

C

D

E

F 30 (1.181) x 10 (0.394) x 10.40 (0.409)

G 19.80 (.780) x 5.80 (.228) x 7.80 (.307)

H 30 max. (1.181) x 10 max. (.394) x 10 max. (.394)

I 20.80 (.819) x 8.50 (.335) x 5.80 (.228)
15.24 (.600)

J