

Ratings

DPDT (2 form C) contacts, 2 amp
 @ 29VDC

Description

High performance, full-size crystal
 can relay
 High shock and vibration performance
 Single-point contacts—
 gold-plated silver
 Long life—100,000 operations under
 2 ampere load
 High contact force
 Low-profile, high-density packaging
 Weight: 0.5 ounce maximum
 Enclosure: hermetically sealed
 Terminals: Plug-in, printed circuit, hook
 type, or 3" weldable leads

Performance Data

Operate Time: 6ms or less
 Release Time: 6ms or less
 Initial Contact Resistance:
 0.05 ohms maximum
 Insulation Resistance:
 1,000 megohms minimum

Contact Rating:

Non-inductive and low level
 2 amp @ 29VDC
 0.3 amp @ 115 VAC, 60 to 400 Hz
 (10, case grounded)

Inductive

1 amp @ 29VDC
 0.3 amp @ 115VAC, 60 to 400Hz
 (10, case grounded)

Higher AC ratings available—
 consult factory

Dielectric Strength

1000V rms at sea level
 500V rms at 70,000 feet
 350V rms at 80,000 feet

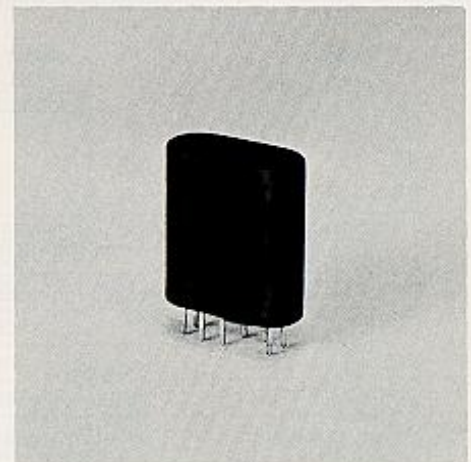
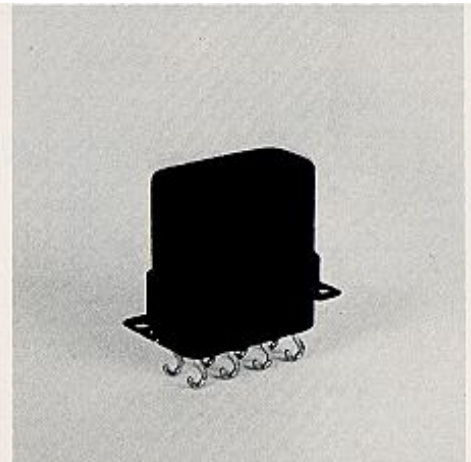
Vibration: 5-28Hz at 0.5 inch
 double amplitude, 28-2000Hz at 20g

Shock: 100g operational; 200g
 mechanical

Ambient Temperature: -65°C to +125°C

Approvals

Meets MIL-R-5757



Type Designation and Coil Data

Relay Type	DC Nominal Coil Data			Maximum Pick-up Voltage	
	Volts	Amperes	Ohms*	@ +25°C	@ +125°C
KHJ-6D-6VDC	6	.154	39	3.2	4.4
KHY-6D-6VDC		.176	34	3.2	4.4
KHJ-6D-12VDC	12	.082	147	6.2	8.6
KHY-6D-12VDC		.078	155	6.5	9.0
KHJ-6D-26.5VDC	26.5	.043	612	13	18.0
KHY-6D-26.5VDC		.043	615	13	18.0
KHJ-6D-48VDC	48	.020	2370	26	36.0
KHY-6D-48VDC		.025	1920	26	36.0
KHJ-6D-115VDC	115	.012	10000	58	80.0
KHY-6D-115VDC		.014	8120	54	75.0

Current Adjust Relays

Relay Type	Maximum Pick-up mADC	Ohms*	Nominal Operating Current
KHJ-6D-8.0mADC	8.0	5440	12mA
KHY-6D-10.0mADC	10.0	3600	15mA
KHJ-6D-5.5mADC	5.5	12340	8.25mA
KHY-6D-7.0mADC	7.0	8120	10.5mA
KHJ-6D-4.0mADC	4.0	27800	6mA
KHY-6D-5.5mADC	5.5	12580	8.25mA

*DC Coil Resistance: standard tolerance = 10%

Ordering Information

KHJ or KHY 6D

- I Mounting and terminal variation.
- II Coil voltage or current
- III DC or mADC

Example: KHYT-6D-6VDC calls for top
 stud mounting hook pin terminals—6 volts.

Dimensions, Terminal and Mounting
 Variations, and Ordering Information on
 next page.