

Panasonic

Panasonic Electric Works
Corporation of America

Product News



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New Product Introduction

M-359
February, 2009



LK-F Relay ...The slimmest Power Relay

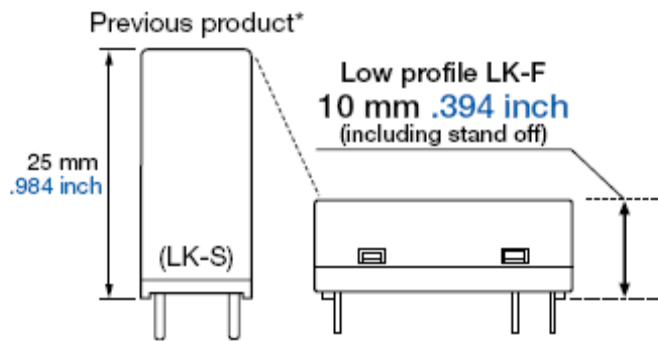
10 mm, achieved TV-5 and TV-8 Certification, for power supplies.

RoHS
compliance

Features

1. Low profile (10 mm height)

Height reduced 60% compared with previous LK product.



*Previous product: LK-S relay

2. Nominal switching capacity: 5A, 8A 277V AC

3. TV standards compatible: TV-5 and TV-8

TV-5 type: 78 A inrush current and switching possible at 5 A rated current.

TV-8 type: 118 A inrush current and switching possible at 8 A rated current.

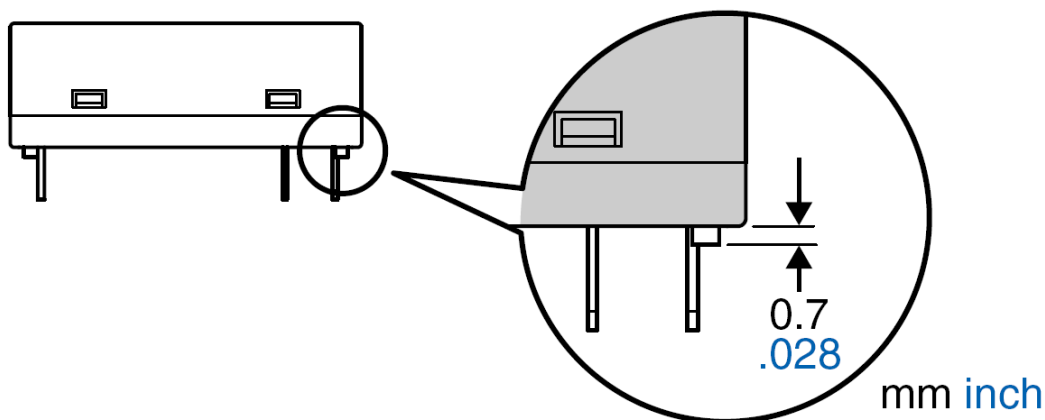
4. Silent type available

Approx. 10 dB quieter than LK-S relay.

5. High sensitivity: 250mW

Ideal for device power reduction

6. 0.7 mm .028 inch stand off height



7. Conforms to various safety standards

Certification authority
UL, CUL
SEMKO
TÜV

TV-5 type	TV-8 type
TV-5 5 A 277 V AC	TV-8 8 A 277V AC
	3/100 A 250 V AC 40T85 μ
EN61810-1 5 A 250 V AC ($\cos\phi = 1.0$)	EN61810-1 8 A 250 V AC ($\cos\phi = 1.0$)

Availability:

March, 2009

Typical applications

Flat-panel TVs

Audio visual equipment

Other slim profile devices

Other Information

Product Types

Contact arrangement	Nominal coil voltage	Part No.	
		TV-5 type	TV-8 type
		Silent type	Silent type
1 Form A	5V DC	LKF1aMQ-5V-1-5	LKF1aMQ-5V-1-8
	9V DC	LKF1aMQ-9V-1-5	LKF1aMQ-9V-1-8
	12V DC	LKF1aMQ-12V-1-5	LKF1aMQ-12V-1-8
	24V DC	LKF1aMQ-24V-1-5	LKF1aMQ-24V-1-8

Standard packing: Tube: 50 pcs.; Case: 500 pcs.

*Operation noise standard type is available, please contact us.

Ordering Information

ORDERING INFORMATION

LKF **1a** **M** **Q** - **1** **2** **V** - **1** - **5**

Contact arrangement

1a: 1 Form A

Nominal operating power

M: 250mW

Operation noise

Nil: Standard type

Q: Silent type

Coil voltage (DC)

5, 9, 12, 24V

TV standard

5: TV-5

8: TV-8

Note: UL/C-UL, TÜV, SEMKO approved type is standard.

Any questions, please contact your local Panasonic Electric Works Sales representative.
