1801 Morgan Street Rockford, Illinois 61102 800-435-2931 www.molexkits.com



## **Datasheet for 76650-0089**

#### **General Information**

**Part Number:** 76650-0089

Manufacturer: Molex / Waldom

Title: KK-100 Connector Kit

**Description:** .100 Pitch Receptacle and Terminals, 2 Circuit

**Product Family:** KK™

Certificates: (Molex parts within this kit) - EU and China RoHS Compliant, UL and CSA

Country of Origin: Kit assembled in U.S.A.

#### **Specifications**

Design

Configuration: Wire-to-Board

Pitch: 2.54mm (.100")

Connector Type: Receptacle

Circuit Sizes: 2

Current Rating: 2.5 Amps
Voltage: 250 Volts
Wire size: 30-22 AWG

### **Product Highlights**

The KK system of "building block" connectors can be used to create thousands of different configurations, allowing each user to build a system that is precisely suited to their application. KK has become known as a versatile interconnecting system developed to meet the challenge of modularization.

#### **Features and Benefits**

- Standard cantilever terminals
- Cantilever design provides high contact pressure
- Wiping action cleans oxides when connector is mated

### **Applications**

- Vending and Gaming Machines
- Production Equipment
- Industrial Instruments
- Energy and Power



# **Datasheet for 76650-0089**

Bill of Materials for Part No. 76650-0089				
Molex Part No.	Country of Origin	Description	Quantity in Kit	
08-50-0114	USA	KK™ Female Crimp Terminals, 22-30 AWG	11	
22-01-2021	USA	2.54mm (.100") Pitch KK™ Receptacles 2 Circuit	5	

# Recommended Molex Tool(s) for Part No. 76650-0089\*

## Country

Molex Part No.	of Origin	Description
63811-8200 *	Sweden	Hand Crimp Tool
11-03-0022 *	Sweden	Extraction Tool
63812-0000 *	Sweden	Insertion Tool

<sup>\*</sup>Tool(s) not included in kit. Tool(s) ordered separately.