

# PowerCat 6A Tool-less shielded Keystone Jack

**molex**

**The Shielded Tool-less C6A Keystone Jack is in addition to the PowerCat 6A STP product line designed for installation in Structured Cabling Systems requiring Keystone size apertures for wall outlet installations. The jack is terminated without the use of a Punch Down Tool.**

The jack is designed for use in a two-connector permanent link or channel configuration so the standard Molex C6A Shielded DataGate panels are installed in the Distribution closet and C6A Keystone Jacks are installed in the Telecommunication/Wall Outlets. The jack does not feature a dust shutter. This product provides excellent protection against electromagnetic interference protection due to its fully shielded 360° construction.



## Features and Advantages

360° shielding for EMI protection

Easy and fast termination process

Ability to attach the cable in either 568A or 568B wiring.

Compatible with Molex C6 DataGate™ jacks in a two connector permanent link or channel configuration

## Specifications

### MECHANICAL

Jack Connector

Housing: Zinc Alloy plated Bright Ni/Cu

Operating Life: Minimum 750 insertion cycles

Contact Material: Copper Alloy

Contact Plating: 1.25 micrometres Au/Ni

Contact Force: 100g minimum

Plug Retention Force: 6.8kg minimum

IDC Connector

Housing: Polycarbonate, UL94V-0 rated

Operating Life: Minimum 20 reterminations

Contact Material: Copper Alloy

IDC Contact Plating: Tin Matte Finish

Contact Force: 100g minimum

Wire Accommodation: 22-24 AWG solid

### ELECTRICAL

Interface Resistance: 20mΩ

Initial Contact Resistance: 2.5mΩ

Insulation Resistance: >100MΩ

### PHYSICAL

Dimensions:

19.3mm (H) x 17mm (W) x 42.4mm (D)

(0.76"H x 0.67"W x 1.67"D)

Shipping Weight: 40g (1.41 oz)

### COMMERCIAL STANDARDS

TIA/EIA-568-C.2:2009

EN 50173-1:2009/A1

ISO/IEC 11801:2011 (Ed 2.2)

FCC Subpart F68.5

IEC -60603-7-51:2010

Delta Certificate

## Ordering Information

Order No.	SAP No.	Description	Colour
KSJ-00079	18301-0070	PowerCat 6A Tool-less shielded Keystone Jack, RJ45, 360°, 568A/B	Grey

[www.molexces.com](http://www.molexces.com)

Molex is a registered trademark of Molex, LLC in the United States of America and may be registered in other countries; all other trademarks listed herein belong to their respective owners. This information is correct at the time of publication, specifications are subject to change.