



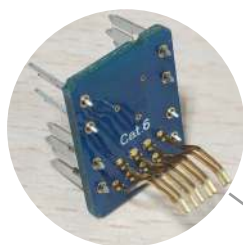
**DIGISOL™**  
**CONVERGEX**  
ENTERPRISE SCS

**CAT6**

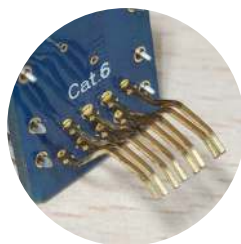
## DIGISOL CONVERGEX SOLDERLESS TOOLLESS TYPE KEYSTONE JACK, CAT 6, UTP

**Efficient Rotation Design  
Tool Free, Press with Click  
to Terminate Wires**

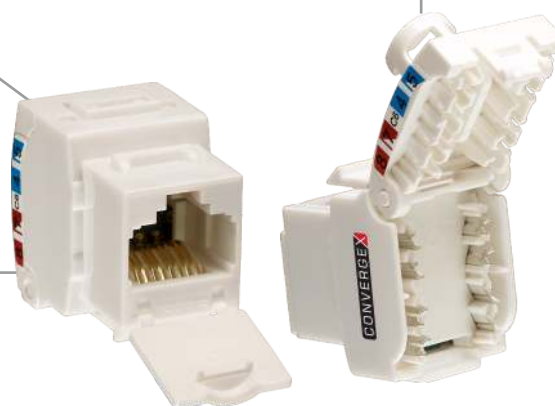
Contact pins  
assembled by  
SOLDER-LESS  
PRESS-FIT  
PROCESS



360° FULLY  
GOLD PLATED  
Contact pins



Toolless  
Termination  
with just a  
click!



### Introduction:-

DIGISOL Convergenx Category 6 Keystone is Toolless Design 50 Microns Gold Plating Suitable For 23~24 AWG Stranded and Solid Wire, Easy For Termination and Compliant to T568A and T568B Wiring Schemes.

### Key Features:-

- **Patented Toolless type** design with contact pins assembled with Solder-less Press-fit process
- Fast and easy **tool free termination** with hands. Optional termination with hand tool.
- **Fully (360 degree covered) 50 microns** Gold plated Contact pins.
- **No oxidization** of Contact pins due to absence of soldering flux leading to longer life
- High impact **Polycarbonate Grade plastic**, UL-94V-O rated
- Removable shutter option
- Supports both RJ11/RJ12 plug
- In-built cable guide on IDC cap
- Plug Insertion Life : 750 Cycles minimum
- Available in Black and White colour



Intertek





# DIGISOL CONVERGEX SOLDERLESS TOOLLESS TYPE KEYSTONE JACK, CAT 6, UTP

## Technical Specifications:-

### Electrical:-

|                       |                  |
|-----------------------|------------------|
| Current Rating        | : 1.5amps        |
| Insulation Resistance | : 500 MΩ minimum |
| Contact Resistance    | : 10 mΩ maximum  |
| DC Resistance         | : 0.1 Ω maximum  |

### Mechanical:-

|                           |                                                |
|---------------------------|------------------------------------------------|
| Plug Insertion Life       | : 750 Cycles minimum                           |
| Plug & Jack Contact Force | : 100 Grams minimum<br>using FCC-approved plug |
| Plug Retention Force      | : 30 lbs minimum                               |
| Temperature               | : -40° to 150°F (-40° to 68°C)                 |

### Physical:-

|                         |                                                                           |
|-------------------------|---------------------------------------------------------------------------|
| Housing                 | : High impact flame retardant plastic,<br>UL 94V-0 rated                  |
| PCB                     | : FR4, 1.6mm Thickness                                                    |
| Jack Wire               | : Phosphor bronze gold over nickel plating                                |
| Nickel Plating Base(Ni) | : 40μ~80μ                                                                 |
| Gold Plating            | : 50 microns                                                              |
| Connector               | : Insulation displacement connector<br>(IDC) Accept #23~24 AWG solid wire |

## Standard Verification:-

- Qualified unscreened Class E/Cat.6
- Permanent Link & Channel ANSI/TIA-568-C.2
- IEC 60603-7-4 2nd Edition
- ISO/IEC 11801 2.2 Edition
- CENELEC EN 50173-1:2011

## Ordering Information:-

| Product Code  | Description                                                                  |
|---------------|------------------------------------------------------------------------------|
| DGCE-KS6UWH-A | DIGISOL CONVERGEX SOLDERLESS TOOLLESS TYPE KEYSTONE JACK, CAT 6, UTP, WHITE  |
| DGCE-KS6UBL-A | DIGISOL CONVERGEX SOLDERLESS TOOLLESS TYPE KEYSTONE JACK, CAT 6, UTP, BLUE   |
| DGCE-KS6UOR-A | DIGISOL CONVERGEX SOLDERLESS TOOLLESS TYPE KEYSTONE JACK, CAT 6, UTP, ORANGE |
| DGCE-KS6UGR-A | DIGISOL CONVERGEX SOLDERLESS TOOLLESS TYPE KEYSTONE JACK, CAT 6, UTP, GREEN  |
| DGCE-KS6UYL-A | DIGISOL CONVERGEX SOLDERLESS TOOLLESS TYPE KEYSTONE JACK, CAT 6, UTP, YELLOW |
| DGCE-KS6URD-A | DIGISOL CONVERGEX SOLDERLESS TOOLLESS TYPE KEYSTONE JACK, CAT 6, UTP, RED    |
| DGCE-KS6UBK-A | DIGISOL CONVERGEX SOLDERLESS TOOLLESS TYPE KEYSTONE JACK, CAT 6, UTP, BLACK  |

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