

INTRODUCING 3-IN-2 CARD CONNECTOR

- Provide a more robust solution to help prevent damage during card insertion and removal
- Enable flexibility to accept either 2 SIM cards, or 1 SIM card and 1 micro SD card



TE Connectivity (TE) introduces the 3-in-2 card connector which features an innovative anti-buckling contact design for a more robust solution than competitive products. This design helps prevent damage to contacts during card insertion and removal. This card connector's space-efficient design features two cavities with the flexibility to accept either two SIM cards, or one SIM card and one micro SD card. It saves about 20% PCB space over other combo type card connectors. Better coplanarity control helps ensure an efficient manufacturing process with fewer defects and makes the soldering process easier.

KEY BENEFITS

- Provide a more robust solution to help prevent damage during card insertion and removal with an innovative anti-buckling contact design
- Enable flexibility to accept either 2 SIM cards, or 1 SIM card and 1 micro SD card
- Utilize proven pin-push type solution with a mechanical locking function
- Help prevent malfunction with a tray detect switch
- Save about 20% PCB space versus other combo type card connectors with a space-efficient, two cavity design
- Help ensure fewer defects with better coplanarity control

LEARN MORE

[SIM Card Connector landing page](#)

[SIM Card Connector brochure](#)

[3-in-2 Card Connector parts list](#)

APPLICATIONS

- Mobile phones
- Tablets
- Ultraportable devices
- Personal computers
- GPS devices

ELECTRICAL

- 50mm ohm max

MATERIALS

- LCP for HSG, Corson for Contact, Sus for Shell

MECHANICAL

- Rating: 0.3A max. 10V DC
- Operating temperature: -30°C to +85°C
- Operating humidity: 95% max.
- Durability: 3,000 mating cycles

STANDARDS & SPECIFICATIONS

- uSD card specification, SIM card specification