

# APPLICATION NOTE

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

PCMCIA ExpressCard

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## The Challenge

Today's PCMCIA manufacturers and design engineers rely upon component suppliers to offer a broad range of express cards. Design engineers require partnerships with manufacturers who demonstrate the capability and expertise to customize Express Cards to meet their specific applications and requirements.

## The ITT Solution ...

Interconnect solutions responded to the industries' demands by expanding our express card product offering. ICS now offers 26 pin connectors with multiple off-sets, snap-on and ultrasonic weld cover sets, customized end caps, host connectors, and single slot ejectors.

ITT's Express Card 26 pin edge card connectors and cover sets meet the PCMCIA industry's demands for 34mm and 54mm wide modules. Stainless steel cover sets are quick & easy to assemble and can either be snapped together or ultrasonically welded. With a universal slot design and module formats measuring 5mm deep by just 75mm long, the connectors and cover sets enable both compact ExpressCard/34 and /54 cards to fit in the same aperture, saving component count. This robust design is RoHS compliant and allows up to 10,000 cover set mating cycles.

ITT Express Cards recently passed the Express Card Compliance Program (PCMCIA) and have been added to the Express Card Resource Directory.

## Product Features

- Balances size, utility, reliability, and durability
- Meets all PCMCIA EC requirements
- ExpressCard/34 module: 34mm (W) X 75mm (L) X 5mm (T)
- ExpressCard/54 module: 54mm (W) X 75mm (L) X 5mm (T)
- 26 pin connector designed to meet 10,000 mating cycles
- Cover sets available in both snap-on and ultrasonic versions
- Customized end caps and extension boxes
- Multiple connector off-sets
- 26 way host connector and single slot ejector header
- RoHS compliant



## Applications

- Notebook/Desktop Computers
- Storage Media & Server Memory Cards
- Wireless and Wired Communications
- Set-top Boxes & Handheld Scanners
- Security ID and Biometric Devices

**For application assistance, please contact:**

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