

Compact Flash

With 20 million ITT Compact Flash card kits in use today, the future now looks to CFast!

The Challenge

CFA (Compact Flash Association) and its members were tasked to develop a new Compact Flash standard to accommodate the demand for faster storage speeds. In order to accomplish this task, designers needed to integrate both parallel and serial interfaces into a single connector and cover set package. First introduced in 2008, the CFA released the latest Compact Flash technology called CFast. The new CFast standard is the combination of Compact Flash (CF) and ATA Serial Transport (AST), where flexibility, speed and SATA are important design considerations.

The Engineered Product Solution

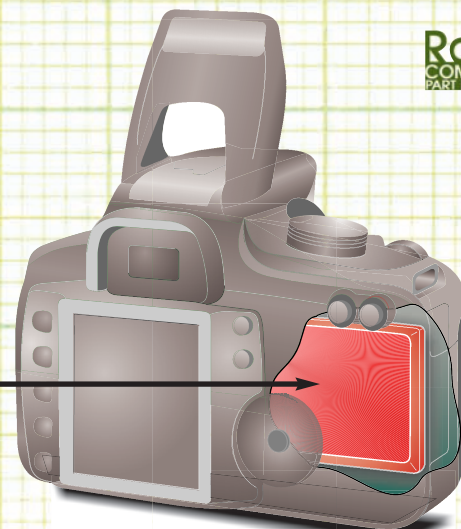
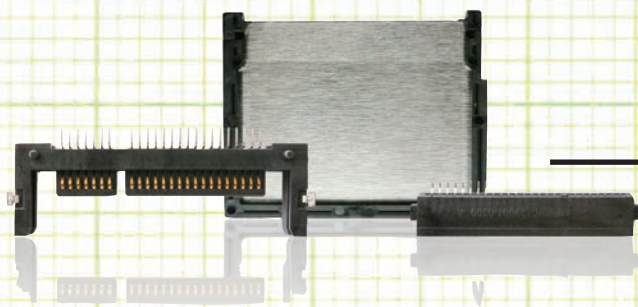
Recognizing that the new standard integrates both parallel (PATA) and serial (SATA) interfaces, ITT ICS is pleased to introduce our new line of CFast two piece cover sets and 24 pin connectors available for both Type I and Type II packaging specifications. Utilizing our patented ultrasonic weld technology during assembly ITT ICS CFast card kits provide the most secure (tamper proof), rigid and robust card kits solution in the market today.

Innovative Interconnect Benefits

- Conforms to both Type I and Type II CFA specifications
- Patented ultrasonic weld technology ensures 100% repeatability during assembly
- Card kits can be customized to meet any CFast application
- 10K mating cycle
- Flexibility in connector off-set and cover-set design offers additional customer customization
- We support CFast card kits by offering a complete line of USW assembly tools

Attributes and Values

- Surface mountable 24 position host and module connectors
- Optional mylar insulation can be customized to specification
- Cover sets: stainless steel metal stamping with insert molded frames
- ROHS compliant



Applications

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|-----------------------------|-----------------------|---|
| • Digital Cameras | • Medical Instruments | • Test & Medical Devices |
| • Handheld Portable Devices | • Security Devices | • Digital Video Equipment |
| • Set-top Boxes | • Personal Computers | • Industrial/Enterprise Storage Systems |

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