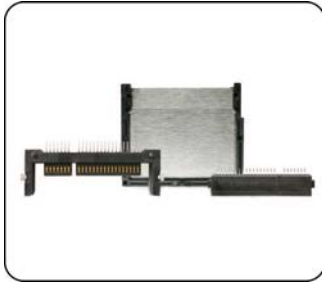




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CFast Card



FEATURES & BENEFITS

Card kits meet all Type I and Type II CFast specifications ensuring consistent and reliable functionality against industry expectations

Innovative, surface mountable 24 position host and module connectors providing flexibility in PCB layouts and ensuring 10,000 mating cycles

Flexibility in connector off-set and cover set design allowing additional capability for customer customization to specific product requirements

Stainless steel metal stamping with insert molded frames yielding the optimum level of EMI shielding of any competitive offerings

Customer specified selection of optional Mylar Insulation for either side of the cover sets providing optimal protection and shielding of all internal components

Patented ultrasonic weld technology ensuring the highest level of rigidity, security and tamper resistance of any competitive offering

Integrated and localized design, prototyping, and manufacturing realization showcasing our capability to rapidly realize specific customer requirements

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Overview

Specifications

Tooling

Type I Compact Flash Storage Card and CF+ Card Physical Specifications

Length:	36.4 ± 0.15 mm (1.433 ± .006 in.)
Width:	42.80 ± 0.10 mm (1.685 ± .004 in.)
Thickness Including Label Area:	3.3 mm ± 0.10 mm (.130 ± .004 in.)

Type II Compact Flash Storage Card and CF+ Card Physical Specifications

Length:	36.4 ± 0.15 mm (1.433 ± .006 in.)
Width:	42.80 ± 0.10 mm (1.685 ± .004 in.)
Thickness Including Label Area:	5.0 mm maximum (.1968 in. maximum)

CFast Surface Mount Host and Module Connector Physical Specifications

Host Connector Parameters	Module Connector Parameters
Materials and Finishes	Materials and Finishes
Insulation : Liquid Crystal Polymer, UL 94V-0	Insulation: Liquid Crystal Polymer, UL 94V-0
Color: Black	Color: Black
Contact: Copper Alloy	Contact: Copper Alloy
Contact Wiping Area: Au over Nickel	Contact Wiping Area: Au over Nickel
Contact Solder Tails: Pure Tin over Nickel	Contact Solder Tails: Pure Tin over Nickel
Ground Clip: Nickel over Copper Alloy	
Ground Clip Solder Tails: Pure Tin over Nickel	
Electrical	Electrical

Current Rating: 1.5A Per Pin	Current Rating: 1.5A Per Pin
Dielectric Withstanding Voltage: 500 Vrms at Sea level	Dielectric Withstanding Voltage: 500 Vrms at Sea level
Operating Temperature: -55°C to +85°C	Operating Temperature: -55°C to +85°C
Insulation Resistance: Initially 1000mΩ at 500 Vdc	Insulation Resistance: Initially 1000mΩ at 500 Vdc
Mechanical	Mechanical
Connector Type: Surface mount	Connector Type: Surface mount
Mechanical Shock: No discontinuity greater than 100ns	Mechanical Shock: No discontinuity greater than 100ns
Total Mating Force: 28.8N maximum at 25mm/minute	Total Mating Force: 28.8N maximum at 25mm/minute
Total Un-mating Force: 3.7N minimum and 24.5N maximum at 25mm/minute	Total Un-mating Force: 3.7N minimum and 24.5N maximum at 25mm/minute
Durability: 10,000 mating cycles	Durability: 10,000 mating cycles

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