

INTRODUCTION:

Adam Tech FCP Series IDC Box Headers are designed to quickly and easily mass terminate .050" flat cable. The IDC termination is converted to a Shrouded Box Header output with a polarizing slot that mates with standard IDC sockets. This connector is ideal for splicing and making "T" taps to a cable bus. Adam Tech's sturdy design features solid, selectively gold plated .025"sq. copper alloy posts.

FEATURES:

- IDC Cable to Shrouded Box Header
- Mates with standard IDC sockets
- Ideal for splicing and "T" taps to cable bus
- Solid selectively gold plated contacts

MATING CONNECTORS:

Mates with Adam Tech Series .100" [2.54mm] dual row IDC sockets

SPECIFICATIONS:

Material:

Insulator: PBT, rated UL94V-0

Insulator Color: Gray

Contacts: Brass

Contact Plating:

Gold flash (30 µin optional) over nickel underplate on contact area, tin over copper underplate on IDC area

Electrical:

Operating voltage: 250V AC max.

Current rating: 1 Amp max

Contact resistance: 30 mΩ max. initial

Insulation resistance: 5000 MΩ min.

Dielectric withstanding voltage: 1000V AC for 1 minute

Mechanical:

Insertion force: 0.5 lbs per circuit max.

Withdrawal force: 0.094 lbs per circuit min

Mating durability: 500 cycles min.

Recommended cable size: 28 Awg stranded

Temperature Rating:

Operating temperature: -55°C to +105°C

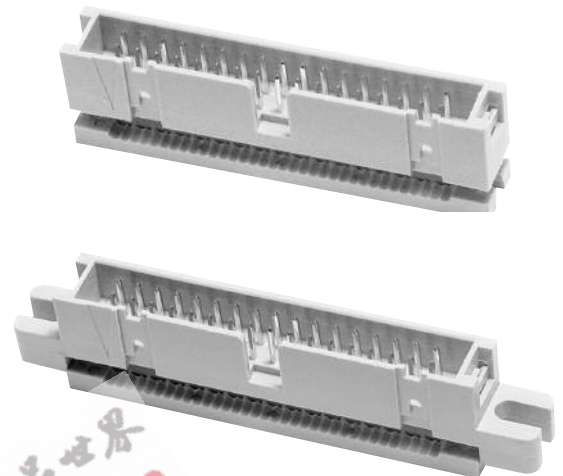
PACKAGING:

Anti-ESD plastic trays

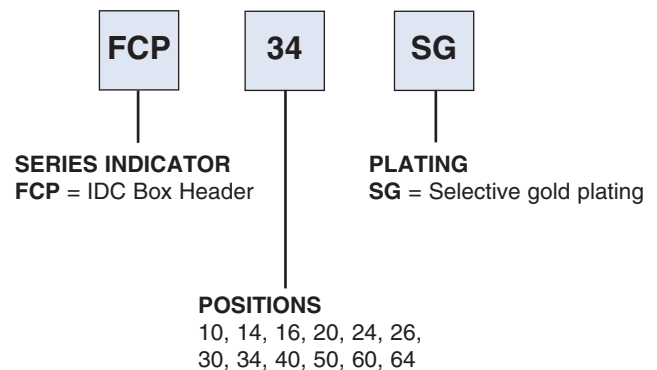
SAFETY AGENCY APPROVALS:

UL Recognized File No. E224053

CSA Certified File No. LR1578596



ORDERING INFORMATION



OPTIONS:

Add designator(s) to end of part number

E = Mounting Ears

30 = 30 µin gold plating in contact area

BK = Black color insulator

