

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 μ m 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 m Ω max. initial
Insulation resistance: 5000 M Ω 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:

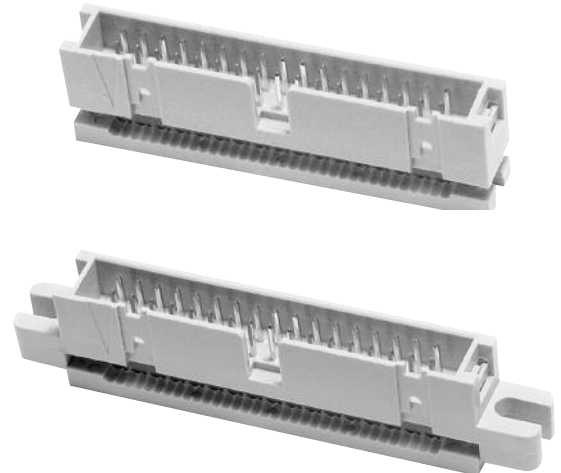
Operating temperature: -55°C to +105°C

PACKAGING:

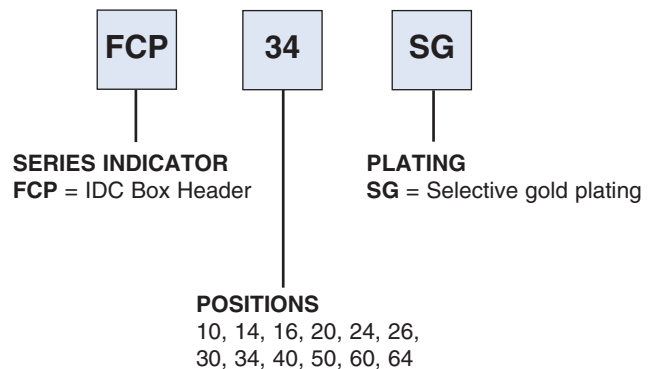
Anti-ESD plastic trays

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 μ m gold plating in contact area
BK = Black color insulator