

### INTRODUCTION:

Adam Tech Small Form Factor connectors and cages are a popular interface for telecommunications and data communications applications. Our 20 position surface mount connector interfaces to both fiber optic and copper networking modules. Our cages are manufactured in single port and multiport configurations. All of our cages are available in both press fit and through hole mounting.

### FEATURES:

- Industry standard compatibility
- Alignment posts on SMT connector allow for PC board stability
- Standoffs allow for easy board cleaning
- Single, stacked or ganged cages
- Cages have multiple ground points for EMI shielding

### SPECIFICATIONS:

#### Material:

SMT Connector:  
Insulator: High temperature thermoplastic  
Contacts: Phosphor Bronze  
Plating: Gold over nickel underplate  
Cage: Nickel plated copper alloy

#### Electrical:

SMT Connector:  
Operating voltage: 100VAC max  
Current rating: 1 Amp max  
Contact resistance: 40 ohms max  
Insulation resistance: 1000 Mohms min  
Dielectric withstanding voltage: 500 VAC for 1 minute

#### Temperature rating:

Operating temperature: -40°C to +85°C  
Soldering temperature: 260°C for 5 seconds

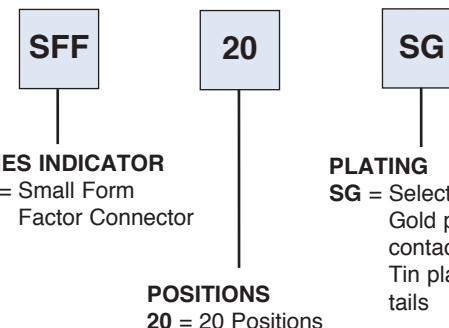
### APPROVALS AND CERTIFICATIONS:

UL Recognized & CSA Certified, File no. E224053

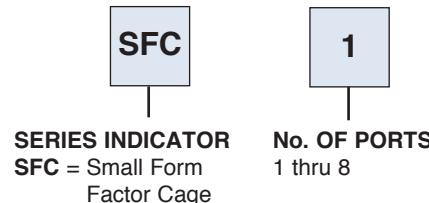


### ORDERING INFORMATION

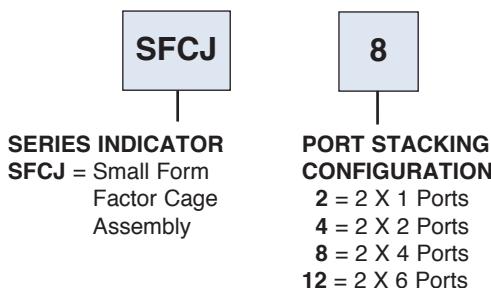
#### SMALL FORM FACTOR CONNECTOR



#### SMALL FORM FACTOR SINGLE ROW CAGE



#### SMALL FORM FACTOR STACKED ASSEMBLY



### OPTIONS:

Add designator(s) to end of part number

**LP** = External light pipe (SFC series only)

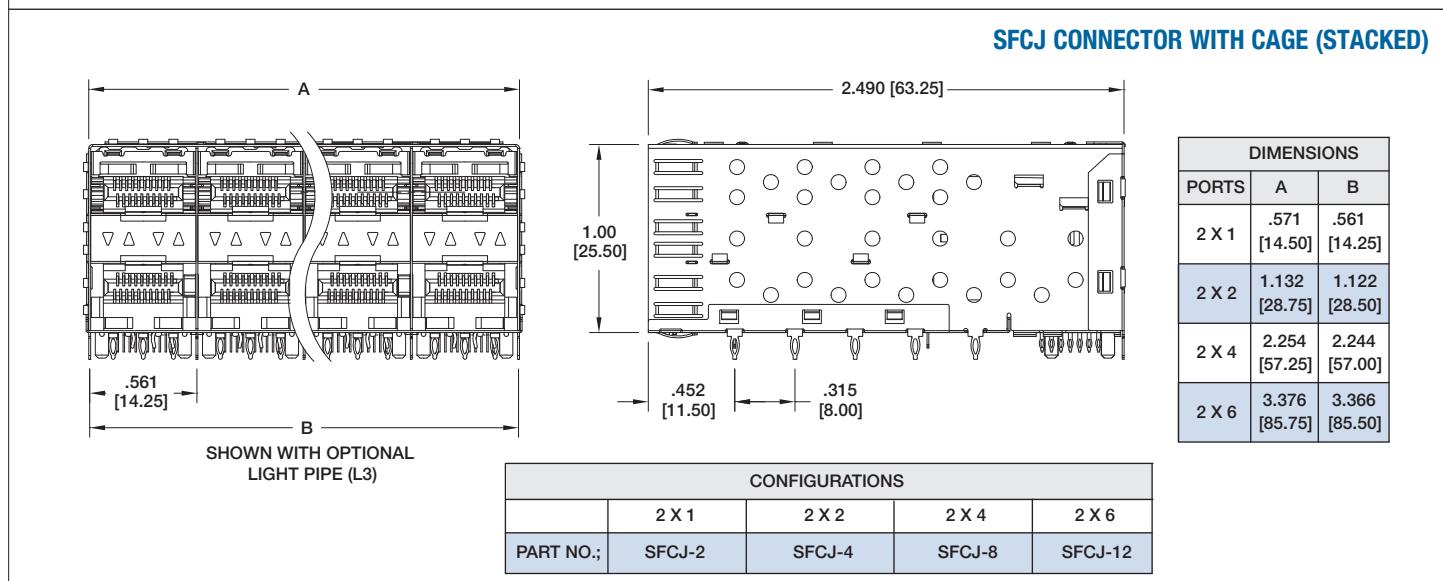
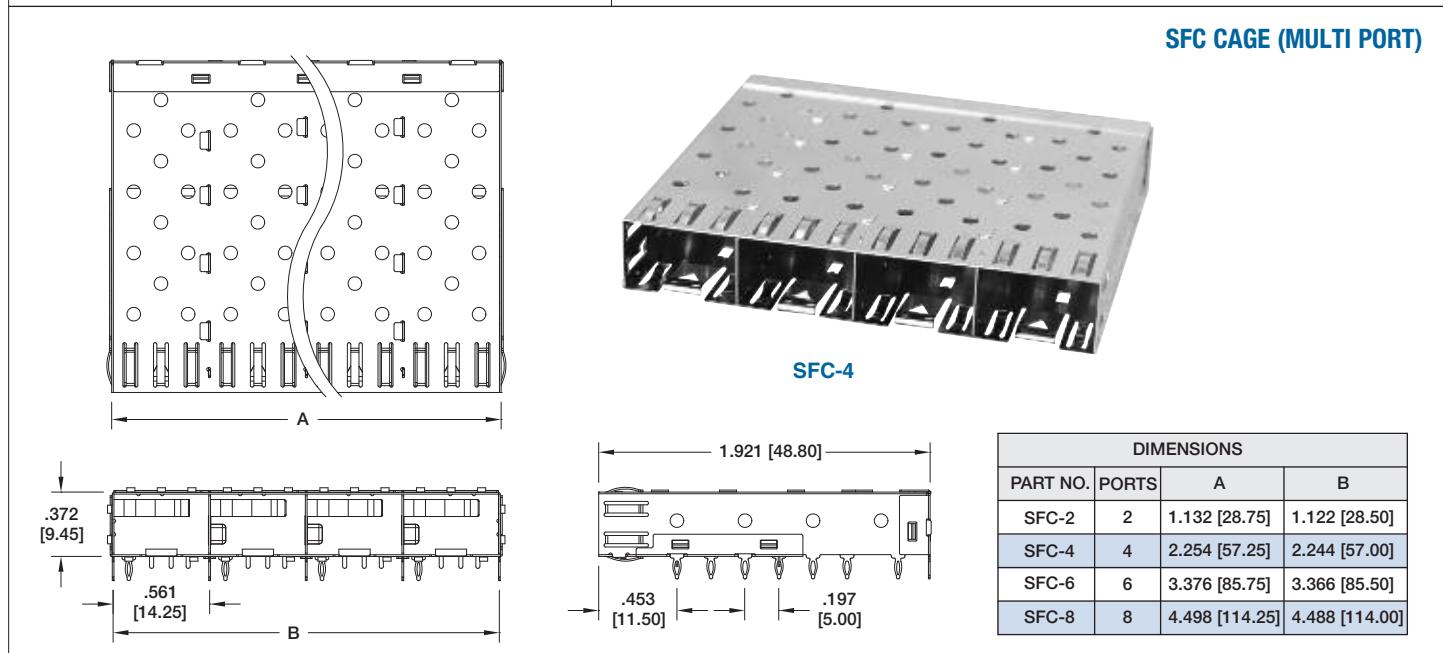
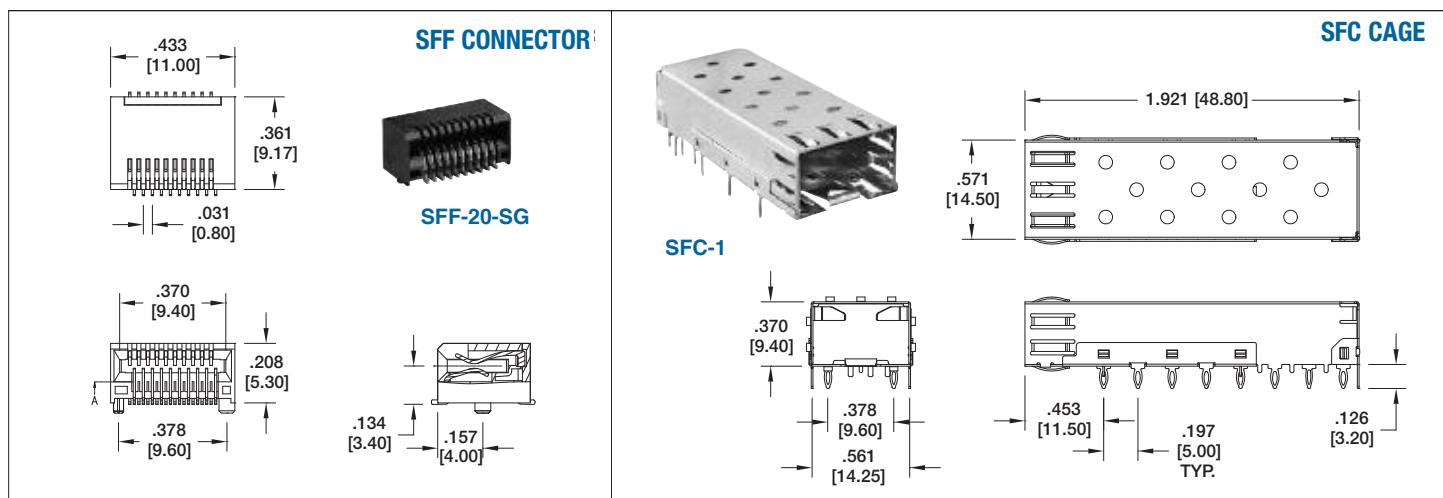
**LP1** = Inner light pipe (SFCJ series only)

**LP2** = Outer light pipe (SFCJ series only)

**LP3** = Inner & outer light pipes (SFCJ series only)

**EMI** = Additional EMI clip





# Mouser Electronics

Authorized Distributor

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