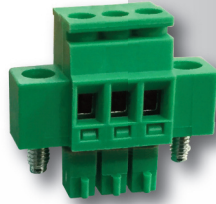


## PCB Plug-In Connectors

### 3.50 mm Pin Spacing

- Vertical Plug
- 11A Current Rating
- Screw Flange
- Wire Entry on Coding Side



# SVFxx-3,50-K

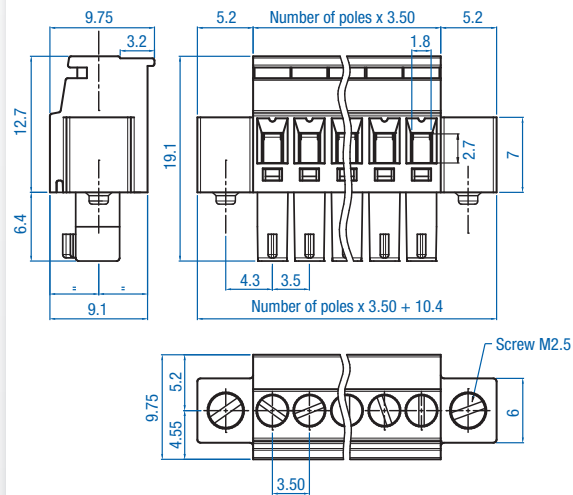
### Electrical Ratings

|               |                 | UL E178356 |   |          | IEC                                     | VDE |
|---------------|-----------------|------------|---|----------|-----------------------------------------|-----|
| Usergroup     |                 | B          | C | D        | -                                       | -   |
| Rated Voltage |                 | 300V       | - | 300V     | 160V                                    | -   |
| Rated Current |                 | 11A        | - | 11A      | 8A                                      | -   |
| Wire Size     | <i>solid</i>    | 30-14AWG   | - | 30-14AWG | 0.25mm <sup>2</sup> -1.5mm <sup>2</sup> | -   |
|               | <i>stranded</i> | 30-14AWG   | - | 30-14AWG | 0.25mm <sup>2</sup> -1.5mm <sup>2</sup> | -   |

### Ordering Information (3.50 mm Spacing)

| No. Poles | Order #      | Length (mm) | Std. Pack |
|-----------|--------------|-------------|-----------|
| 2         | SVF02-3,50-K | 17.4        | 100       |
| 3         | SVF03-3,50-K | 20.9        | 100       |
| 4         | SVF04-3,50-K | 24.4        | 50        |
| 5         | SVF05-3,50-K | 27.9        | 50        |
| 6         | SVF06-3,50-K | 31.4        | 50        |
| 7         | SVF07-3,50-K | 34.9        | 50        |
| 8         | SVF08-3,50-K | 38.4        | 50        |
| 9         | SVF09-3,50-K | 41.9        | 50        |
| 10        | SVF10-3,50-K | 45.4        | 50        |
| 11        | SVF11-3,50-K | 48.9        | 50        |
| 12        | SVF12-3,50-K | 52.4        | 50        |
| 13        | SVF13-3,50-K | 55.9        | 20        |
| 14        | SVF14-3,50-K | 59.4        | 20        |
| 15        | SVF15-3,50-K | 62.9        | 20        |
| 16        | SVF16-3,50-K | 66.4        | 20        |
| 17        | SVF17-3,50-K | 69.9        | 20        |
| 18        | SVF18-3,50-K | 73.4        | 20        |
| 19        | SVF19-3,50-K | 76.9        | 20        |
| 20        | SVF20-3,50-K | 80.4        | 20        |
| 21        | SVF21-3,50-K | 83.9        | 20        |
| 22        | SVF22-3,50-K | 87.4        | 20        |
| 23        | SVF23-3,50-K | 91.9        | 20        |
| 24        | SVF24-3,50-K | 94.4        | 20        |

### Dimensions (mm)



### Material Specifications

|                       |                     |
|-----------------------|---------------------|
| Screws                | Galvanized Steel    |
| Clamp                 | Nickel Copper Alloy |
| Contact Spring        | Nickel Copper Alloy |
| Insulating Material   | Polyamide           |
| Flammability Class    | V0 UL94             |
| Operating Temperature | -30°C - +105°C      |

### Installation Data

|                  |                              |
|------------------|------------------------------|
| Screw Size       | M2 (terminal), M2.5 (flange) |
| Torque           | 0.25Nm (2.3 lb.in.)          |
| Stripping Length | max. 7mm                     |
| Clamp Opening    | 1.8 x 2.7 mm                 |

### Mating Headers

#### Single Row

|             |             |
|-------------|-------------|
| PVxx-3,50-K | PHxx-3,50-K |
|-------------|-------------|

#### Double Row

|                |                |
|----------------|----------------|
| PDVxx-3,50-V-K | PDVxx-3,50-H-K |
|----------------|----------------|

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