



## Features & Options

- Creates a Weatherproof Wire Connection
- Crimp-On & Twist-On Styles Available

BAPI's Sealant Filled Connectors (SFC) contain a moisture-excluding sealant which encapsulates the electrical connection protecting it from moisture and oxidation. This encapsulation also reduces the potential for fire, electrocution and flashover. BAPI offers two types of SFCs: a Twist-On and a Crimp-On. The Crimp-On (SFC3000) is used for factory terminations, while the Twist-On SFC2000 is used for field terminations.

The SFC2000 accepts two 22 AWG wires or one 22 AWG and one 16 or 18 AWG wire. It has a voltage rating of 300 volts and a temperature not to exceed 221°F (105°C), and it is not UL listed.

The SFC3000 is an insulation displacement connector (IDC) that accepts two wires of 19 to 26 AWG. It has a voltage rating of 50 volts with an operating temperature of -40 to 158°F (-40 to 70°C), and it is compliant to RoHS 2011/65/EU. It is not UL listed. To terminate, simply insert your wires and crimp down on the cap with a set of pliers.



**Twist-On SFC2000**



**Crimp-On SFC3000**

### PART NUMBER      DESCRIPTION

**BA/SFC2000-100** ..... 100 Twist-On Style SFCs

**BA/SFC2000-500** ..... 500 Twist-On Style SFCs

**BA/SFC2000-1000** ... 1,000 Twist-On Style SFCs

**BA/SFC3000-100** ..... 100 Crimp-On Style SFCs

**BA/SFC3000-500** ..... 500 Crimp-On Style SFCs

**BA/SFC3000-1000** ... 1,000 Crimp-On Style SFCs

*See end of Section G for list pricing.*

## J-Loop Termination Technique

Incorporating a "J-Loop" (also known as a drip loop) into all terminations adds an additional layer of protection against moisture and oxidation by directing moisture away from the connection.

The idea is to place the wire junction as high as possible and form a "J" with the leadwires. The bottom of this "J" should be below the junction point. Any moisture that collects on the leadwires is pulled downward by gravity to the bottom of this loop and away from the junction.

