

# SEF(G)

6.1 x 2.6 x 2.6 mm (2410)

## Fast-Acting Fuse

Protects base stations from overcurrent damage



### Agency Approvals

| Agency                                 | Ampere Rating |
|--|---------------|
| Certified products for U.S. and Canada | 62mA - 5A     |
| Recognized Component for Canada and US | 6A - 40A      |
| CSA Certified                          | 62mA - 10A    |
| PSE                                    | 1A - 15A      |

### Interrupting Rating

|             |  |
|-------------|--|
| 62mA - 10A: | 50 amperes at 125V AC/DC<br>300 amperes at 32V DC                            |
| 12A - 15A:  | 50 amperes at 65V AC/DC<br>200 amperes at 86V AC/DC<br>300 amperes at 24V DC |
| 20A - 25A:  | 50 amperes at 65V AC/DC<br>300 amperes at 24V DC                             |
| 30A-35A:    | 60 amperes at 80V AC/DC  |
| 40A:        | 80 amperes at 65V AC/DC  |

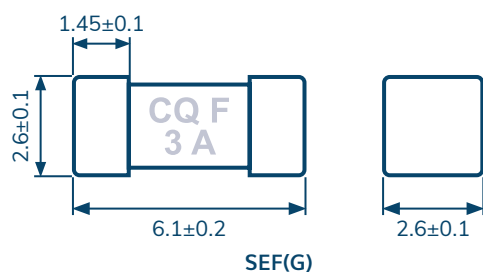
### Product Characteristics

|                              |   |
|------------------------------|---|
| <b>Operating Temperature</b> | -55 °C to 125 °C  |
| <b>Material</b>              | Body: Ceramic<br>Termination: Gold Plated<br>Brass Caps |

### Packaging

| Packaging Option | Quantity         |
|------------------|------------------|
| On Tape          | 1,000 pcs / reel |

### Mechanical Dimensions (mm)



### Electrical Characteristics

| Ampere Rating | Opening Time |        |
|---------------|--------------|--------|
|               | 1 In         | 2 In   |
|               | MIN          | MAX    |
| 62mA - 10A    | 4 hr         | 5 sec  |
| 12A - 40A     | 4 hr         | 60 sec |

| Catalog Number | Ampere Rating (A) | Voltage Rating (V) | Nominal Cold Resistance (Ohms) | Nominal Melting I <sup>2</sup> t (A <sup>2</sup> sec.) |
|----------------|-------------------|--------------------|--------------------------------|--|
| SEF .062       | 62mA(1/16A)       | 125V               | 6.6530                         | 0.000961   |
| SEF .080       | 80mA              |                    | 4.9740                         | 0.001000   |
| SEF .100       | 100mA             |                    | 5.8165                         | 0.001500   |
| SEF .125       | 125mA             |                    | 5.8395                         | 0.003120   |
| SEF .200       | 200mA             |                    | 2.0195                         | 0.008000   |
| SEF .250       | 250mA             |                    | 1.1050                         | 0.009380   |
| SEF .315       | 315mA             |                    | 0.8554                         | 0.018000   |
| SEF .375       | 375mA             |                    | 0.7819                         | 0.021100   |
| SEF .400       | 400mA             |                    | 0.5200                         | 0.032000   |
| SEF .500       | 500mA             |                    | 0.4895                         | 0.037500   |
| SEF .750       | 750mA             |                    | 0.2425                         | 0.153100   |
| SEF 001        | 1A                |                    | 0.1407                         | 0.385000   |
| SEF 1.50       | 1.5A              |                    | 0.1130                         | 0.725000   |
| SEF 002        | 2A                |                    | 0.0594                         | 0.894000   |
| SEF 2.50       | 2.5A              |                    | 0.0384                         | 1.182000   |
| SEF 003        | 3A                |                    | 0.0333                         | 1.475000   |
| SEF 3.15       | 3.15A             |                    | 0.0296                         | 1.655000   |
| SEF 3.50       | 3.5A              |                    | 0.0268                         | 2.055000   |
| SEF 004        | 4A                |                    | 0.0209                         | 3.882000   |
| SEF 005        | 5A                |                    | 0.0179                         | 5.480000   |
| SEF 006        | 6A                | 0.0117             | 8.520000                       |  |
| SEF 007        | 7A                | 0.0104             | 9.931000                       |  |
| SEF 008        | 8A                | 0.0095             | 18.82000                       |  |
| SEF 010        | 10A               | 0.0067             | 22.50000                       |  |
| SEF 012        | 12A               | 65V*1              | 0.0042                         | 43.20000   |
| SEF 015        | 15A               |                    | 0.0029                         | 112.5000   |
| SEF 020        | 20A               | 65V                | 0.0025                         | 141.5200   |
| SEF 025        | 25A               |                    | 0.0019                         | 246.5536   |
| SEF 030        | 30A               | 80V                | 0.0018                         | 365.4000   |
| SEF 035        | 35A               |                    | 0.0016                         | 420.9100   |
| SEF 040        | 40A               | 65V                | 0.0015                         | 503.6800   |

\*1: 86V optional