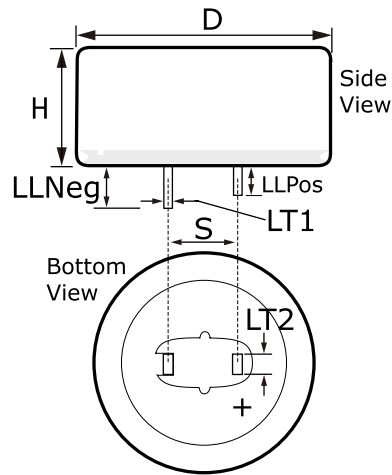


## FGR0H105ZF

Aliases (USCFGR0H105Z00)

FGR, Supercapacitors, Radial Pin, 1 F, -20/+80%, 5.5 VDC, Pin Leads, 5.08 mm



Click [here](#) for the 3D model.

### General Information

|                          |                                           |
|--------------------------|-------------------------------------------|
| Series                   | FGR                                       |
| Style                    | Radial Pin                                |
| Description              | Radial Cylindrical Double Layer Capacitor |
| RoHS                     | Yes                                       |
| Lead                     | Pin Leads                                 |
| AEC-Q200                 | No                                        |
| Typical Component Weight | 7 g                                       |
| Miscellaneous            | DischargeValue = 1.3 F.                   |

### Dimensions

|             |                 |
|-------------|-----------------|
| D           | 16.5mm +/-0.5mm |
| H           | 19mm MAX        |
| S           | 5.08mm +/-0.5mm |
| LL Negative | 3mm MIN         |
| LL Positive | 2.7mm MIN       |
| LT1         | 0.4mm +/-0.1mm  |
| LT2         | 1.2mm +/-0.1mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 240       |

### Specifications

|                                        |                    |
|----------------------------------------|--------------------|
| Capacitance                            | 1 F                |
| Tolerance                              | -20/+80%           |
| Voltage DC                             | 5.5 VDC            |
| Temperature Range                      | -40/+85°C          |
| Rated Temperature                      | 85°C               |
| ESR                                    | 65000 mOhms (1kHz) |
| Current (at 30 minutes after charging) | 1.5 mAmps          |

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