**CAT16-PT2F2LF - Concave Chip Array**

## Features
- **High Performance Termination Network**
- Miniaturized circuitry and packaging for space reduction
- Designed for gigabit communication networks
- Controlled impedance
- RoHS compliant*

## Electrical Characteristics
- **Resistance**
  - $R_1$ = 100 ohms
- **Tolerance**
  - ±1%
- **TCR**
  - ±200ppm/°C
- **Temperature Range**
  - -55°C to +125°C
- **Max. Operating Voltage**
  - 5 VDC
- **Max. Power Resistance**
  - 0.625W
- **Solderability**
  - >95% Coverage

## Product Dimensions

### Dimensions [MM]

<table>
<thead>
<tr>
<th>Land Pattern</th>
<th>Solder Resist</th>
<th>Chip Resistor Array CAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0 to 2.2</td>
<td>0.7 to 0.9</td>
<td>0.4 to 0.45</td>
</tr>
<tr>
<td>(.079 to .087)</td>
<td>(.028 to .035)</td>
<td>(.016 to .0178)</td>
</tr>
<tr>
<td>0.4 to 0.45</td>
<td>0.80</td>
<td>0.88</td>
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<tr>
<td>(.016 to .032)</td>
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<td>(.032)</td>
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### Derating Curve

- Rated power in percentage (%)
- (IC) Ambient temperature

## Schematic

### Packaging Specifications

- 5000 pcs - per 7” reel

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