

## TL3AR051FTDG Product Details



**TL3AR051FTDG**

TE Internal Number: 4-1625827-7

 **Active**

### Fixed Resistors

 [Converted to EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

#### Product Highlights:

- Fixed Resistor
- Resistor Type = Low Ohmic Resistor
- Resistance Selection = <1K  $\Omega$
- Resistance = .051  $\Omega$
- Power Rating = 1.00 W

[View all Features](#)

Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">SMD LOW-OHMIC CURRENT SENSE RESISTORS SERIES TL3A</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">SMD Low Ohmic - Current Sense Resistors - Type TL Se...</a> (PDF, English)</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>CAD Files:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul>	<p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> </ul>

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>• Product Type = Fixed Resistor</li> <li>• Resistor Type = Low Ohmic Resistor</li> <li>• <a href="#">Resistance (<math>\Omega</math>)</a> = .051</li> <li>• <a href="#">Element</a> = Foil</li> <li>• Termination Type = Solder</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Resistance Selection (<math>\Omega</math>)</a> = &lt;1K</li> <li>• <a href="#">Power Rating (W)</a> = 1.00</li> <li>• <a href="#">Tolerance (%)</a> = 1</li> <li>• <a href="#">Package Type</a> = Taped and Reeled</li> </ul> <p><b>Body Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Series</a> = TL</li> <li>• <a href="#">Mount Style</a> = Surface Mount</li> <li>• <a href="#">Packaging Style</a> = 2512</li> <li>• <a href="#">Package, Component Size</a> = 6.4 x 3.2</li> </ul>	<p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RoHS/ELV Compliance</a> = RoHS compliant, ELV compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Reflow solder capable to 245°C, Reflow solder capable to 260°C</li> <li>• RoHS/ELV Compliance History = Converted to comply with RoHS directive</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Temperature Coefficient (ppm/°C)</a> = <math>\pm 75</math></li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Application</a> = Current Sensing</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = CGS</li> </ul>