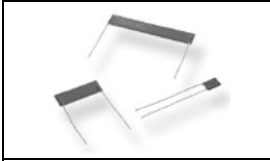


## HBA33MFZRE Product Details



**HBA33MFZRE**

TE Internal Number: 1625960-8

 [Active](#)

### Fixed Resistors

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

#### Product Highlights:

- Fixed Resistor
- Resistor Type = High Value/High Voltage Resistors
- Resistance Selection = M  $\Omega$
- Resistance = 33M  $\Omega$
- Power Rating = 4.00 W

[View all Features](#)

Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">High Value/High Voltage Resistors - Type HB Series</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 = High Value/High Voltage Resistors</li> <li>• Resistance (<math>\Omega</math>) = 33M</li> <li>• Element = Thick Film</li> <li>• Termination Type = Tinned Copper Leads</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Resistance Selection (<math>\Omega</math>) = M</li> <li>• Power Rating (W) = 4.00</li> <li>• Tolerance (%) = 1</li> <li>• Package Type = Loose Piece - Tray</li> </ul> <p><b>Body Related Features:</b></p> <ul style="list-style-type: none"> <li>• Series = HB</li> <li>• Mount Style = Radial Leaded</li> <li>• Package, Component Size = 8 x 12.5</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> = Hand solderable with lead free solder</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 100</math></li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Application</a> = High Voltage</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = CGS</li> </ul>