

# Manufacturing Tolerance Analysis Report

## Project Information

Project Name	
Part/Assembly Name	
Date	
Prepared By	
Reviewed By	

### 1. Objective

### 2. Description of Components

Component	Description	Material	Quantity

### 3. Critical Dimensions & Tolerances

Feature	Nominal Dimension	Tolerance	Units	Remarks

### 4. Stack-Up Analysis

Stack Path	Dimension Chain	Worst Case Tol.	Statistical Tol.	Analysis Result

### 5. Risk Assessment

Risk	Potential Impact	Criticality	Mitigation

### 6. Recommendations

### 7. Appendices