



Title		
Size	Number	Revision
A	7/23/2023	
Date:	7/23/2023	Sheet of
File:	D:\Dropbox\...\2023_Clippy.SchDoc	Drawn By:

Design Rules Verification Report

Filename : D:\Dropbox\PCB Projects\DEFCON2023\2023 Lanyard Clippy\PCB1.PcbDoc

Warnings 0
Rule Violations 1
Waived Violations 1

Warnings	
Total	0

Rule Violations	
Clearance Constraint (Gap=200mil) (OnLayer('Mechanical 1'),(InNet('GND'))	0
Clearance Constraint (Gap=30mil) (HasFootprint('CAPHEART'),(InNet('GND'))	0
Clearance Constraint (Gap=10mil) (All),(All)	0
Clearance Constraint (Gap=20mil) (IsRegion),(All)	0
Clearance Constraint (Gap=30mil) ((InNamedPolygon('Bottom Layer-GND') OR InNamedPolygon('Top	0
Clearance Constraint (Gap=20mil) ((InNamedPolygon('Bottom Layer-GND') OR InNamedPolygon('Top	0
Short-Circuit Constraint (Allowed=No) (All),(All)	0
Un-Routed Net Constraint (All)	0
Modified Polygon (Allow modified: No), (Allow shelved: No)	0
Width Constraint (Min=1mil) (Max=150mil) (Preferred=10mil) (InNet('No Net') And OnLayer('Top Layer'))	0
Width Constraint (Min=6mil) (Max=10mil) (Preferred=8mil) (InNetClass('captouch'))	0
Width Constraint (Min=1mil) (Max=200mil) (Preferred=10mil) (All)	0
SMD To Corner (Distance=6mil) (All)	0
SMD To Plane Constraint (Distance=0mil) (All)	0
SMD Entry (Side = Allowed) (Corner = Allowed) (Any Angle = Allowed) (Ignore First Corner = Allowed)	0
Power Plane Connect Rule(Relief Connect)(Expansion=20mil) (Conductor Width=10mil) (Air Gap=10mil) (Entries=4)	0
Power Plane Connect Rule(Relief Connect)(Expansion=10mil) (Conductor Width=60mil) (Air Gap=25mil) (Entries=4)	0
Hole Size Constraint (Min=11.811mil) (Max=100mil) (All)	1
Hole To Hole Clearance (Gap=10mil) (All),(All)	0
Minimum Solder Mask Sliver (Gap=10mil) (Disabled)(All),(All)	0
Silk To Solder Mask (Clearance=50mil) (Disabled)(IsPad),(All)	0
Silk to Silk (Clearance=10mil) (Disabled)(All),(All)	0
Net Antennae (Tolerance=0mil) (All)	0
Board Clearance Constraint (Gap=0mil) (All)	0
Board Clearance Constraint (Gap=0mil) ((OnLayer('Top Overlay') OR OnLayer('Bottom Overlay'))	0
Height Constraint (Min=0mil) (Max=1000mil) (Preferred=500mil) (All)	0
Total	1

Waived Violations	
Clearance Constraint (Gap=10mil) (All),(All)	1
Total	1

Hole Size Constraint (Min=11.811mil) (Max=100mil) (All)	
Hole Size Constraint: (175mil > 100mil) Pad Free-0(-10mil,1720mil) on Multi-Layer Actual Hole Size = 175mil	

Clearance Constraint (Gap=10mil) (All),(All)	
Clearance Constraint: (8.642mil < 10mil) Between Arc (47.224mil,717.5mil) on Bottom Layer And Pad U2-2(121.221mil,692.5mil) on Bottom Layer Waived	





