









Comment	Description	Designator	Footprint	LibRef	Quantity
10144518-081802LF I	CONN PLUG 1 80POS	Л	AMPHENOL_1014451	10144518-081802LF	1
	SMD GOLD		8-081802LF		
PREC012DAAN-RC	Connector Header Through Hole 24 position 0.100" (2.54mm)	L, B	PREC012DAAN-RC	PREC012DAAN-RC	2
1877285-2		J4, J5	TE_1877285-2	1877285-2	2

Electrical Rules Check Report

	Class	Document	Message	
Successful Compile for TGIS Breakout.PrjPcb				

Design Rules Verification Report

Filename: C:\Users\molyo\OneDrive\Desktop\MIL\TailGator\PCB\TailGator Interconnect Syste m\TGIS Breakout\TGIS Breakout\Breakout.PcbDoc

Warnings 0 Rule Violations 1

Warnings	
Total	0

Rule Violations	
Clearance Constraint (Gap=4mil) (All),(All)	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=4mil) (Max=71497.938mil) (Preferred=4mil) (All)	0
Power Plane Connect Rule(Direct Connect)(Expansion=20mil) (Conductor Width=10mil) (Air Gap=10mil) (Entries=4)	0
Power Plane Connect Rule(Relief Connect)(Expansion=11.811mil) (Conductor Width=4mil) (Air Gap=4mil) (Entries=4)	0
Minimum Annular Ring (Minimum=3mil) (All)	0
Hole Size Constraint (Min=7.874mil) (Max=248.031mil) (All)	0
Hole To Hole Clearance (Gap=9.842mil) (All),(All)	0
Minimum Solder Mask Sliver (Gap=0mil) (All),(All)	0
Silk To Solder Mask (Clearance=4mil) (IsPad),(All)	0
Silk to Silk (Clearance=0mil) (All),(All)	0
Net Antennae (Tolerance=0mil) (All)	0
Board Clearance Constraint (Gap=0mil) (All)	0
Matched Lengths(Tolerance=5mil) (InNetClass('CAN0'))	1
Height Constraint (Min=0mil) (Max=71497.938mil) (Prefered=500mil) (All)	0
Total	1

Matched Lengths(Tolerance=5mil) (InNetClass('CAN0'))
Matched Net Lengths: Between Net CAN0_N And Net CAN0_P Actual Difference against CAN0_P is: 26.406mil, Tolerance: 5mil.