

Commen	Descripti	Designat	Footprint	LibRef	Quantity	Manufact	Manufact	Supplier	Supplier	Supplier	Supplier	Supplier	Supplier	Suppl
CAPCER	4700pF =	C9, C18	CAP 470	CAPCER	2			Digi-Key			399-951	7-1-ND		
CAPALU	CAPRAD	C11, C12	CAPALU	CAPALU	2	Cornell D	SLPX102	Digi-Key			338-155	7-ND		
EEE-1HA	4.7µF 50	C13	CAPALU	CAP ALU	1	Panasoni	EEE-1HA				PCE4304	1CT-ND		
			CAP, 222				GRM55D	Digi-Key			490-146	83-1-ND		
	15000µF		CAPALU					Digi-Key			338-147	0-ND		
			CAP, 120				8853422				732-120	81-1-ND		
	_		CAP, 060				06035C1				478-505			
	10µF ±2		CAP, 060				GRM188				490-720			
	2 Line Co		LCCI 50			Pulse Ele	P0353NL	Digi-Key			553-176	4-1-ND		
	8A 420V		FUSE 420					Digi-Key			F6659-N	D		
	25 Pin Sł		TERM PV			Wurth El	7460719	Digi-Key			732-321	9-ND		
	820nH S		IND 8201					Digi-Key			XC23990			
	1µH Sem		IND 1UH			Bourns I	SRN5040	Digi-Key			SRN5040	OTA-1RON	/ICT-ND	
	Green 57			LED GRE				Digi-Key			732-498	0-1-ND		
	5x5mm		5mm PAI											
	2 Positio	_	CONN, 2				1722861				WM1167			
	3 Positio		CONN, 3				1722871	9			WM1170			
	RES SMD	_	RES, 060			Rohm Se	KTR03EZ	<u> </u>				AZCT-ND		
	330 Ohm		RES, 060					Digi-Key			A129682			
	RES SMD		RES, 060		1	Yageo	RC0603F					OKHRCT-N	D	
	54.9k Oh		RES, 060					Digi-Key			P54.9KH			
RES 15.6	5.6 kOhr	R11	RES, 060	RES 5.6K	1	Yageo	RC0603J	Digi-Key			311-5.6	KGRCT-NE		L

1 Vishay D CRCW06 Digi-Key

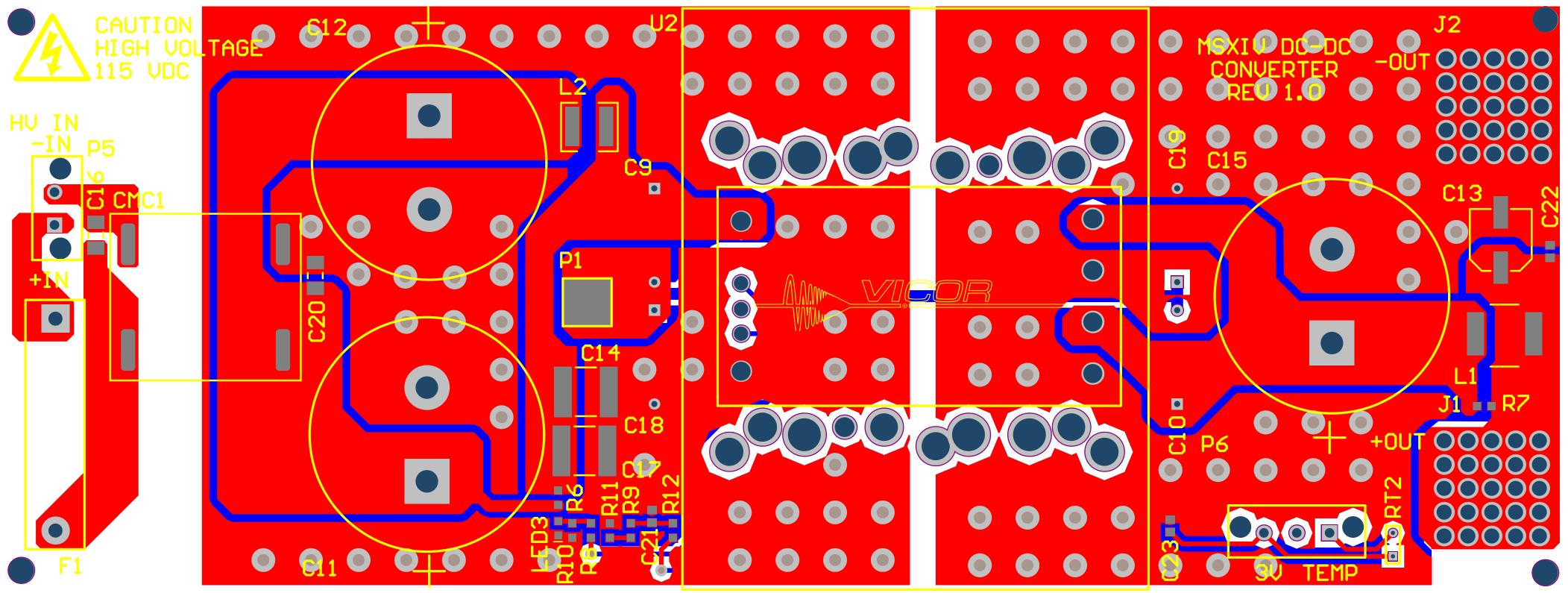
541-0.0SBCT-ND

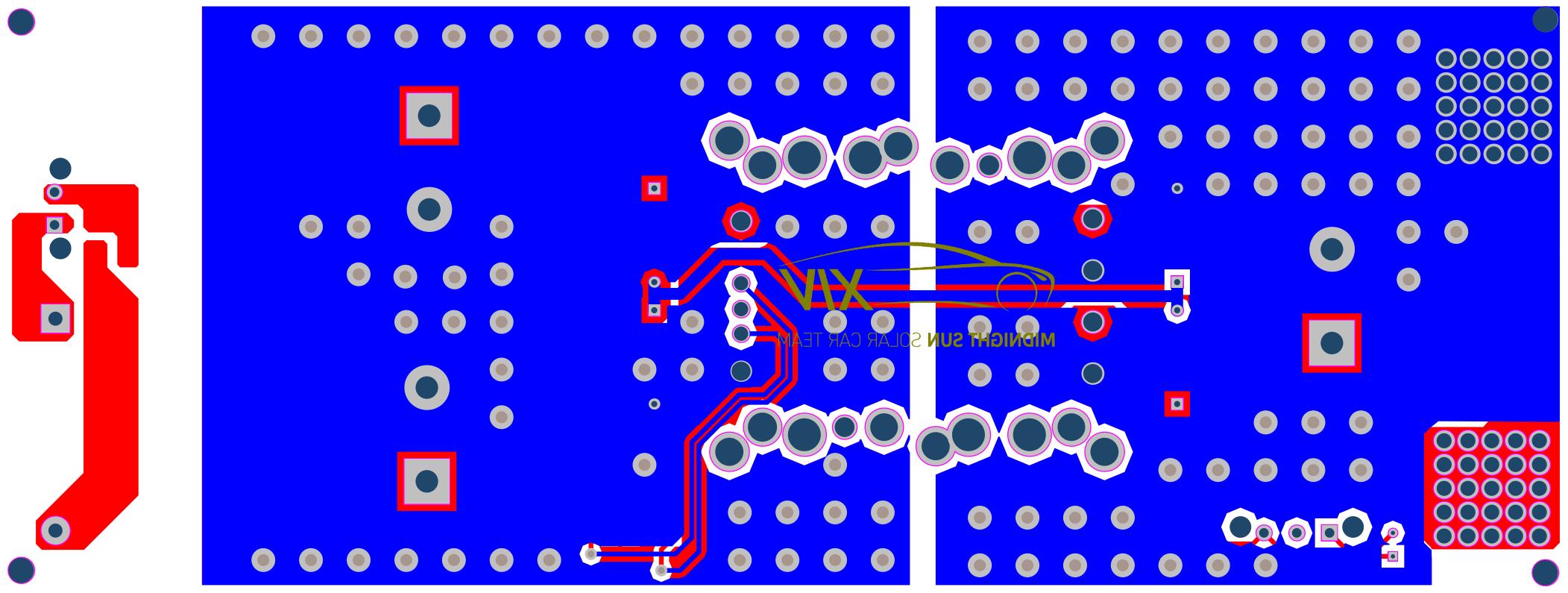
400 0401 ND

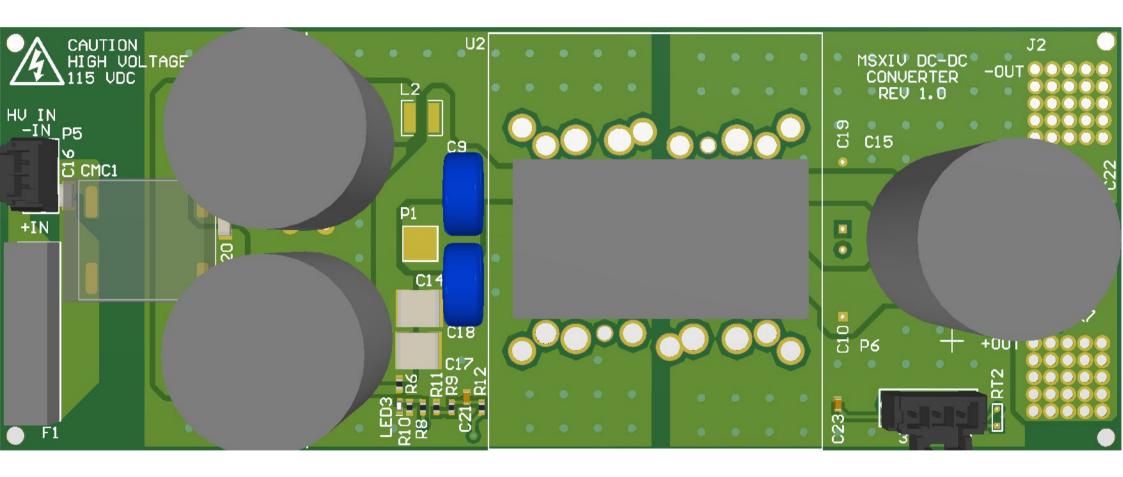
RES 0.0 RES SMD R12

10K NTC NTC The DT2

RES, 060 RES 0.0 (







# **Electrical Rules Check Report**

Class	Document	Message
Warning	MSXIV_DC-DC_Converter.SchDoc	Off grid NetParameter at 9444.489mil,5600mil

## **Design Rules Verification Report**

Filename: C:\Users\Aashmika Mali\Documents\First Year\Midnight Sun\hardware\MSXII\_

Warnings 0 Rule Violations 194

Warnings	
Total	0

Rule Violations	
Clearance Constraint (Gap=10mil) (All),(All)	2
Clearance Constraint (Gap=5mil) (IsStitchingVia and InNet('HV_GND')),((IsVia and (Not IsStitchingVia)) Or IsPad')	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=10mil) (Max=100mil) (Preferred=10mil) (All)	0
Power Plane Connect Rule(Relief Connect )(Expansion=20mil) (Conductor Width=10mil) (Air Gap=10mil) (Entries=4)	0
Hole Size Constraint (Min=1mil) (Max=100mil) (All)	24
Hole To Hole Clearance (Gap=10mil) (All),(All)	55
Minimum Solder Mask Sliver (Gap=10mil) (All),(All)	89
Silk To Solder Mask (Clearance=10mil) (IsPad),(All)	22
Silk to Silk (Clearance=10mil) (All),(All)	2
Net Antennae (Tolerance=0mil) (All)	0
Height Constraint (Min=0mil) (Max=1968.504mil) (Prefered=500mil) (All)	0
Total	194

### Clearance Constraint (Gap=10mil) (AII),(AII)

Clearance Constraint: (24.922mil < 30mil) Between Pad P5-(253.15mil,1440.945mil) on Multi-Layer And Region (0 hole(s)) Top Layer Clearance Constraint: (20.315mil < 30mil) Between Pad P5-(253.15mil,1775.591mil) on Multi-Layer And Region (0 hole(s)) Top Layer

Hole Size Constraint (Min=1mil) (Max=100mil) (All)
Hole Size Constraint: (106.299mil > 100mil) Pad Free-(6486.221mil,2401.575mil) on Multi-Layer Actual Hole Size = 106.299mi
Hole Size Constraint: (106.299mil > 100mil) Pad Free-(6486.221mil,78.74mil) on Multi-Layer Actual Hole Size = 106.299mil
Hole Size Constraint: (106.299mil > 100mil) Pad Free-(88.583mil,2391.732mil) on Multi-Layer Actual Hole Size = 106.299mil
Hole Size Constraint: (106.299mil > 100mil) Pad Free-(88.583mil,88.583mil) on Multi-Layer Actual Hole Size = 106.299mil
Hole Size Constraint: (118.11mil > 100mil) Pad U2-(3061.024mil,1893.701mil) on Multi-Layer Actual Hole Size = 118.11mil
Hole Size Constraint: (118.11mil > 100mil) Pad U2-(3061.024mil,586.614mil) on Multi-Layer Actual Hole Size = 118.11mil
Hole Size Constraint: (116.142mil > 100mil) Pad U2-(3200mil,1790.158mil) on Multi-Layer Actual Hole Size = 116.142mil
Hole Size Constraint: (116.142mil > 100mil) Pad U2-(3200mil,690.158mil) on Multi-Layer Actual Hole Size = 116.142mil
Hole Size Constraint: (122.047mil > 100mil) Pad U2-(3200mil,690.158mil) on Multi-Layer Actual Hole Size = 122.047mil
Hole Size Constraint: (137.795mil > 100mil) Pad U2-(3375.984mil,1822.047mil) on Multi-Layer Actual Hole Size = 137.795mil
Hole Size Constraint: (137.795mil > 100mil) Pad U2-(3375.984mil,1822.047mil) on Multi-Layer Actual Hole Size = 137.795mil
Hole Size Constraint: (137.795mil > 100mil) Pad U2-(3375.984mil,658.268mil) on Multi-Layer Actual Hole Size = 137.795mil
Hole Size Constraint: (137.795mil > 100mil) Pad U2-(3631.89mil,1822.047mil) on Multi-Layer Actual Hole Size = 137.795mil
Hole Size Constraint: (116.142mil > 100mil) Pad U2-(3710.63mil,690.158mil) on Multi-Layer Actual Hole Size = 116.142mil
Hole Size Constraint: (118.11mil > 100mil) Pad U2-(3769.685mil,1870.079mil) on Multi-Layer Actual Hole Size = 118.11mil
Hole Size Constraint: (118.11mil > 100mil) Pad U2-(3927.165mil,610.236mil) on Multi-Layer Actual Hole Size = 118.11mil
Hole Size Constraint: (116.142mil > 100mil) Pad U2-(3986.22mil,1790.158mil) on Multi-Layer Actual Hole Size = 116.142mi
Hole Size Constraint: (137.795mil > 100mil) Pad U2-(4064.961mil,658.268mil) on Multi-Layer Actual Hole Size = 137.795mil
Hole Size Constraint: (137.795mil > 100mil) Pad U2-(4320.866mil,1822.047mil) on Multi-Layer Actual Hole Size = 137.795mil
Hole Size Constraint: (137.795mil > 100mil) Pad U2-(4320.866mil,658.268mil) on Multi-Layer Actual Hole Size = 137.795mil
Hole Size Constraint: (116.142mil > 100mil) Pad U2-(4496.85mil,1790.158mil) on Multi-Layer Actual Hole Size = 116.142mil
Hole Size Constraint: (116.142mil > 100mil) Pad U2-(4496.85mil,690.158mil) on Multi-Layer Actual Hole Size = 116.142mil
Hole Size Constraint: (118.11mil > 100mil) Pad U2-(4635.827mil,1893.701mil) on Multi-Layer Actual Hole Size = 118.11mil
Hole Size Constraint: (118.11mil > 100mil) Pad U2-(4635.827mil,586.614mil) on Multi-Layer Actual Hole Size = 118.11mil

### Hole To Hole Clearance (Gap=10mil) (All),(All) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Pad U2-(3200mil,690.158mil) on Multi-Layer And Pad U2-(3200mil,690.158mil) or Hole To Hole Clearance Constraint: (Collision < 10mil) Between Pad U2-(3375.984mil,1822.047mil) on Multi-Layer And Pad Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4112.5mil,110mil) from Top Layer to Bottom Layer And Via (4112.5mil,110mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4112.5mil,1110mil) from Top Layer to Bottom Layer And Via (4112.5mil,1110mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4112.5mil,1510mil) from Top Layer to Bottom Layer And Via (4112.5mil,1510mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4112.5mil,2110mil) from Top Layer to Bottom Layer And Via (4112.5mil,2110mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4112.5mil,2310mil) from Top Layer to Bottom Layer And Via (4112.5mil,2310mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4112.5mil,310mil) from Top Layer to Bottom Layer And Via (4112.5mil,310mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4112.5mil,910mil) from Top Layer to Bottom Layer And Via (4112.5mil,910mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4312.5mil,110mil) from Top Layer to Bottom Layer And Via (4312.5mil,110mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4312.5mil,1110mil) from Top Layer to Bottom Layer And Via (4312.5mil,1110mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4312.5mil,1510mil) from Top Layer to Bottom Layer And Via (4312.5mil,1510mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4312.5mil,2110mil) from Top Layer to Bottom Layer And Via (4312.5mil,2110mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4312.5mil,2310mil) from Top Layer to Bottom Layer And Via (4312.5mil,2310mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4312.5mil,310mil) from Top Layer to Bottom Layer And Via (4312.5mil,310mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4312.5mil,910mil) from Top Layer to Bottom Layer And Via (4312.5mil,910mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4512.5mil,110mil) from Top Layer to Bottom Layer And Via (4512.5mil,110mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4512.5mil,2110mil) from Top Layer to Bottom Layer And Via (4512.5mil,2110mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4512.5mil,2310mil) from Top Layer to Bottom Layer And Via (4512.5mil,2310mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4512.5mil,310mil) from Top Layer to Bottom Layer And Via (4512.5mil,310mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4712.5mil,110mil) from Top Layer to Bottom Layer And Via (4712.5mil,110mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4712.5mil.2110mil) from Top Layer to Bottom Layer And Via (4712.5mil.2110mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4712.5mil,2310mil) from Top Layer to Bottom Layer And Via (4712.5mil,2310mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4712.5mil,310mil) from Top Layer to Bottom Layer And Via (4712.5mil,310mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4912.5mil,110mil) from Top Layer to Bottom Layer And Via (4912.5mil,110mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4912.5mil,1910mil) from Top Layer to Bottom Layer And Via (4912.5mil,1910mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4912.5mil,2110mil) from Top Layer to Bottom Layer And Via (4912.5mil,2110mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4912.5mil.2310mil) from Top Layer to Bottom Layer And Via (4912.5mil.2310mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (4912.5mil,510mil) from Top Layer to Bottom Layer And Via (4912.5mil,510mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5112.5mil,110mil) from Top Layer to Bottom Layer And Via (5112.5mil,110mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5112.5mil,1910mil) from Top Layer to Bottom Layer And Via (5112.5mil,1910mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5112.5mil,2110mil) from Top Layer to Bottom Layer And Via (5112.5mil,2110mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5112.5mil,2310mil) from Top Layer to Bottom Layer And Via (5112.5mil,2310mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5312.5mil,1710mil) from Top Layer to Bottom Layer And Via (5312.5mil,1710mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5312.5mil,1910mil) from Top Layer to Bottom Layer And Via (5312.5mil,1910mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5312.5mil,2110mil) from Top Layer to Bottom Layer And Via (5312.5mil,2110mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5312.5mil,2310mil) from Top Layer to Bottom Layer And Via (5312.5mil,2310mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5312.5mil,710mil) from Top Layer to Bottom Layer And Via (5312.5mil,710mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5512.5mil,1710mil) from Top Layer to Bottom Layer And Via (5512.5mil,1710mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5512.5mil,1910mil) from Top Layer to Bottom Layer And Via (5512.5mil,1910mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5512.5mil,2110mil) from Top Layer to Bottom Layer And Via (5512.5mil,2110mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5512.5mil,2310mil) from Top Layer to Bottom Layer And Via (5512.5mil,2310mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5512.5mil,710mil) from Top Layer to Bottom Layer And Via (5512.5mil,710mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5712.5mil,1710mil) from Top Layer to Bottom Layer And Via (5712.5mil,1710mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5712.5mil,1910mil) from Top Layer to Bottom Layer And Via (5712.5mil,1910mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5712.5mil,2110mil) from Top Layer to Bottom Layer And Via (5712.5mil,2110mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5712.5mil,2310mil) from Top Layer to Bottom Layer And Via (5712.5mil,2310mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5712.5mil,510mil) from Top Layer to Bottom Layer And Via (5712.5mil,510mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5712.5mil,710mil) from Top Layer to Bottom Layer And Via (5712.5mil,710mil) from Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5912.5mil,1510mil) from Top Layer to Bottom Layer And Via (5912.5mil,1510mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5912.5mil,1710mil) from Top Layer to Bottom Layer And Via (5912.5mil,1710mil) Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5912.5mil,1910mil) from Top Layer to Bottom Layer And Via (5912.5mil,1910mil)

#### Hole To Hole Clearance (Gap=10mil) (All),(All)

Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5912.5mil,2110mil) from Top Layer to Bottom Layer And Via (5912.5mil,2110mil), Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (5912.5mil,2310mil) from Top Layer to Bottom Layer And Via (5912.5mil,2310mil),

Hole To Hole Clearance Constraint: (Collision < 10mil) Between Via (6112.5mil,1510mil) from Top Layer to Bottom Layer And Via (6112.5mil,1510mil)

Minimum Solder Mask Sliver (Gap=10mil) (All),(All)
Minimum Solder Wask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6061.417mil,233.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6061.417mil,233.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6061.417mil,333.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6061.417mil,333.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6061.417mil,433.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6061.417mil,433.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6061.417mil,533.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6061.417mil,533.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6061.417mil,633.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6161.417mil,233.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6161.417mil,233.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6161.417mil,333.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6161.417mil,333.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6161.417mil,433.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6161.417mil,433.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6161.417mil,533.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6161.417mil,533.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6161.417mil,633.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6261.417mil,233.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6261.417mil,233.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6261.417mil,333.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6261.417mil,333.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6261.417mil,433.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6261.417mil,433.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6261.417mil,533.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6261.417mil,533.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6261.417mil,633.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6361.417mil,233.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6361.417mil,233.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6361.417mil,333.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6361.417mil,333.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6361.417mil,433.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6361.417mil,433.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6361.417mil,533.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6361.417mil,533.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6361.417mil,633.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6461.417mil,233.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6461.417mil,333.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6461.417mil,433.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J1-1(6461.417mil,533.071mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6069.685mil,1837.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6069.685mil,1837.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6069.685mil,1937.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6069.685mil,1937.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6069.685mil,2037.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6069.685mil,2037.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6069.685mil,2137.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6069.685mil,2137.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6069.685mil,2237.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6169.685mil,1837.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6169.685mil,1837.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6169.685mil,1937.402mil) on Multi-Layer And Pad

Minimum Solder Mask Sliver (Gap=10mil) (All),(All)
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6169.685mil,1937.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6169.685mil,2037.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6169.685mil,2037.402mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6169.685mil,2137.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6169.685mil,2137.402mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6169.685mil,2237.402mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6269.685mil,1837.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6269.685mil,1837.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6269.685mil,1937.402mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6269.685mil,1937.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6269.685mil,2037.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6269.685mil,2037.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6269.685mil,2137.402mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6269.685mil,2137.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6269.685mil,2237.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6369.685mil,1837.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6369.685mil,1837.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6369.685mil,1937.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6369.685mil,1937.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6369.685mil,2037.402mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6369.685mil,2037.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6369.685mil,2137.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6369.685mil,2137.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6369.685mil,2237.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6469.685mil,1837.402mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6469.685mil,1937.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6469.685mil,2037.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (5.386mil < 10mil) Between Pad J2-1(6469.685mil,2137.402mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (6.45mil < 10mil) Between Pad U2-(3061.024mil,1893.701mil) on Multi-Layer And Pad U2-(3200mil,1790.158mil)
Minimum Solder Mask Sliver Constraint: (6.45mil < 10mil) Between Pad U2-(3061.024mil,586.614mil) on Multi-Layer And Pad U2-(3200mil,690.158mil) dr
Minimum Solder Mask Sliver Constraint: (3.724mil < 10mil) Between Pad U2-(3200mil,1790.158mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.724mil < 10mil) Between Pad U2-(3200mil,1790.158mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.724mil < 10mil) Between Pad U2-(3200mil,690.158mil) on Multi-Layer And Pad U2-(3375.984mil,658.268mil)
Minimum Solder Mask Sliver Constraint: (3.724mil < 10mil) Between Pad U2-(4320.866mil,1822.047mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (3.724mil < 10mil) Between Pad U2-(4320.866mil,658.268mil) on Multi-Layer And Pac
Minimum Solder Mask Sliver Constraint: (6.45mil < 10mil) Between Pad U2-(4496.85mil,1790.158mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (6.45mil < 10mil) Between Pad U2-(4496.85mil,690.158mil) on Multi-Layer And Pad U2-(4635.827mil,586.614mil)

Silk To Solder Mask (Clearance=10mil) (IsPad),(All)
Silk To Solder Mask Clearance Constraint: (7.874mil < 10mil) Between Pad C13-1(6299.213mil,1360.236mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (7.874mil < 10mil) Between Pad C13-1(6299.213mil,1360.236mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (7.874mil < 10mil) Between Pad C13-2(6299.213mil,1592.52mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (7.874mil < 10mil) Between Pad C13-2(6299.213mil,1592.52mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (7.604mil < 10mil) Between Pad C21-1(2736.22mil,288.386mil) on Top Layer And Text "C21'
Silk To Solder Mask Clearance Constraint: (8.213mil < 10mil) Between Pad LED3-2(2342.52mil,236.22mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (Collision < 10mil) Between Pad P1-1(2464.567mil,1212.598mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (Collision < 10mil) Between Pad P1-1(2464.567mil,1212.598mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (Collision < 10mil) Between Pad P1-1(2464.567mil,1212.598mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (Collision < 10mil) Between Pad P1-1(2464.567mil,1212.598mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (6.811mil < 10mil) Between Pad RT2-1(5846.457mil,147.638mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (6.811mil < 10mil) Between Pad RT2-1(5846.457mil,147.638mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (6.811mil < 10mil) Between Pad RT2-1(5846.457mil,147.638mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.941mil < 10mil) Between Pad RT2-2(5846.457mil,246.063mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.359mil < 10mil) Between Pad RT2-2(5846.457mil,246.063mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.941mil < 10mil) Between Pad RT2-2(5846.457mil,246.063mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.655mil < 10mil) Between Pad U2-(3200mil,1790.158mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (8.646mil < 10mil) Between Pad U2-(3200mil,690.158mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (8.646mil < 10mil) Between Pad U2-(3710.63mil,690.158mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.655mil < 10mil) Between Pad U2-(3986.22mil,1790.158mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.655mil < 10mil) Between Pad U2-(4496.85mil,1790.158mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (8.646mil < 10mil) Between Pad U2-(4496.85mil,690.158mil) on Multi-Layer And Track

Silk to Silk (Clearance=10mil) (All),(All)
Silk To Silk Clearance Constraint: (6.385mil < 10mil) Between Arc (1791.339mil,659.449mil) on Top Overlay And Text "+" (1899.606mil,9.842mil) on Top Silk To Silk Clearance Constraint: (9.685mil < 10mil) Between Text "R12" (2844.488mil,334.646mil) on Top Overlay And Track