

Polar Impedance Report



Customer: THE UNIVERSITY OF ARIZONA 6234
 Part No.: 0301-MMFE-8
 Part Rev:
 Panel Size: 18x24

Job: A049059
 Revision: A
 Engr: S Lee

Layer	Thickness (Inch)	Stackup Picture	Family	Description	Type
MSK-1	0.0006		LPI	LPI Soldermask	
L1	0.0016		DSTF	1/2oz + .0010"	Signal - Standard HP foil
	0.0067		370HR	1080 66%	
			370HR	2113 59%	
L2	0.0006		DSTF	1/2oz	Power_Ground
	0.0060		370HR	.006 SPLY	
L3	0.0006		DSTF	1/2oz	Mixed
	0.0068		370HR	2113 59%	
			370HR	2113 59%	
L4	0.0006		DSTF	1/2oz	Signal
	0.0060		370HR	.006 SPLY	
L5	0.0006		DSTF	1/2oz	Power_Ground
	0.0063		370HR	2113 59%	
			370HR	1080 66%	
L6	0.0006		DSTF	1/2oz	Signal
	0.0060		370HR	.006 SPLY	
L7	0.0006		DSTF	1/2oz	Power_Ground
	0.0075		370HR	2113 59%	
			370HR	2113 59%	
L8	0.0006		DSTF	1/2oz	Power_Ground
	0.0060		370HR	.006 SPLY	
L9	0.0006		DSTF	1/2oz	Signal
	0.0063		370HR	1080 66%	
			370HR	2113 59%	
L10	0.0006		DSTF	1/2oz	Power_Ground
	0.0060		370HR	.006 SPLY	
L11	0.0006		DSTF	1/2oz	Signal
	0.0068		370HR	2113 59%	
			370HR	2113 59%	
L12	0.0006		DSTF	1/2oz	Mixed
	0.0060		370HR	.006 SPLY	
L13	0.0006		DSTF	1/2oz	Power_Ground
	0.0067		370HR	2113 59%	
			370HR	1080 66%	
L14	0.0016		DSTF	1/2oz + .0010"	Signal - Standard HP foil
MSK-2	0.0006		LPI	LPI Soldermask	
0.0946		Total Expected Thickness			
0.0961		Incl.Mask	+0.0070	-0.0070	
0.0929		Over Foil	+0.0068	-0.0068	

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Requirements Information in Inch

Top Layer	Bottom Layer	Required Thickness	Tol +	Tol -	Calculated Thickness
Over Foil		0.0929	0.0068	0.0068	0.0914
Incl.Plating		0.0949	0.0069	0.0069	0.0934
Incl.Mask		0.0961	0.0070	0.0070	0.0946
Over Laminate		0.0917	0.0067	0.0067	0.0902

Comments