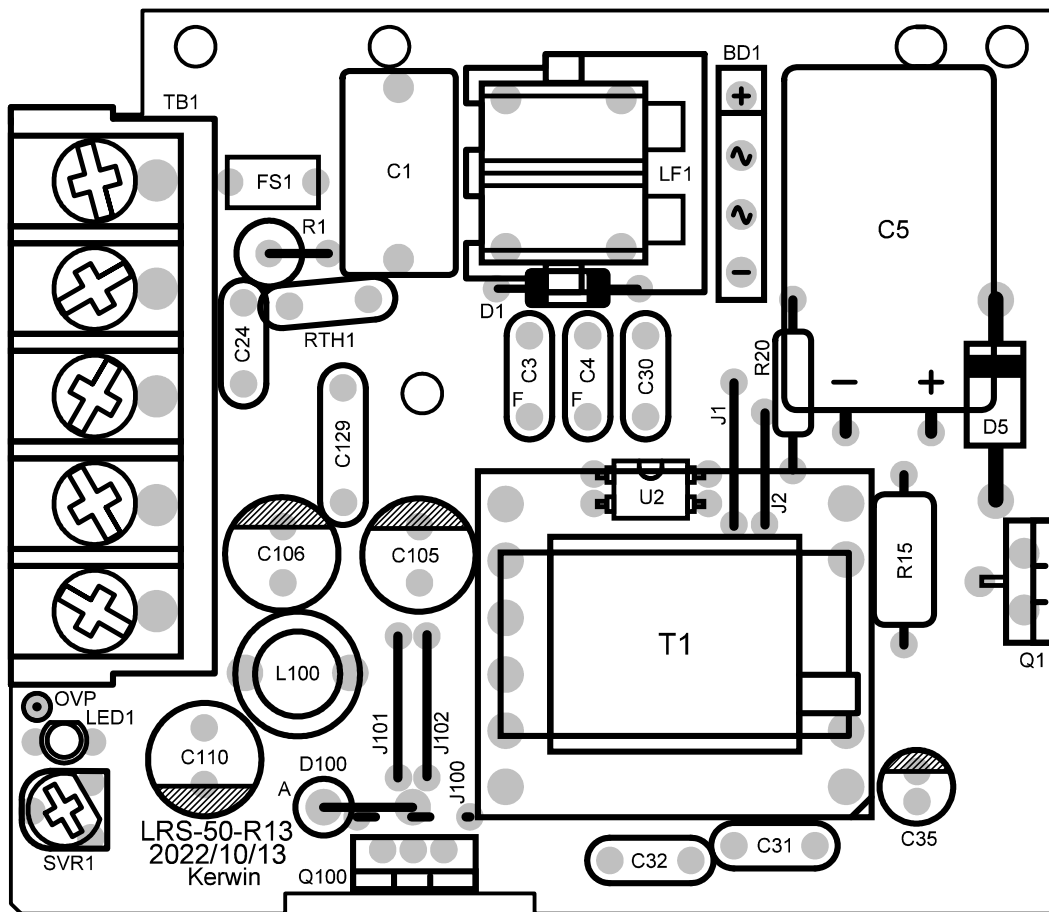


Mean Well LRS-50-5

Component layout - Top view

Name: RT

Date: 2023-09-05

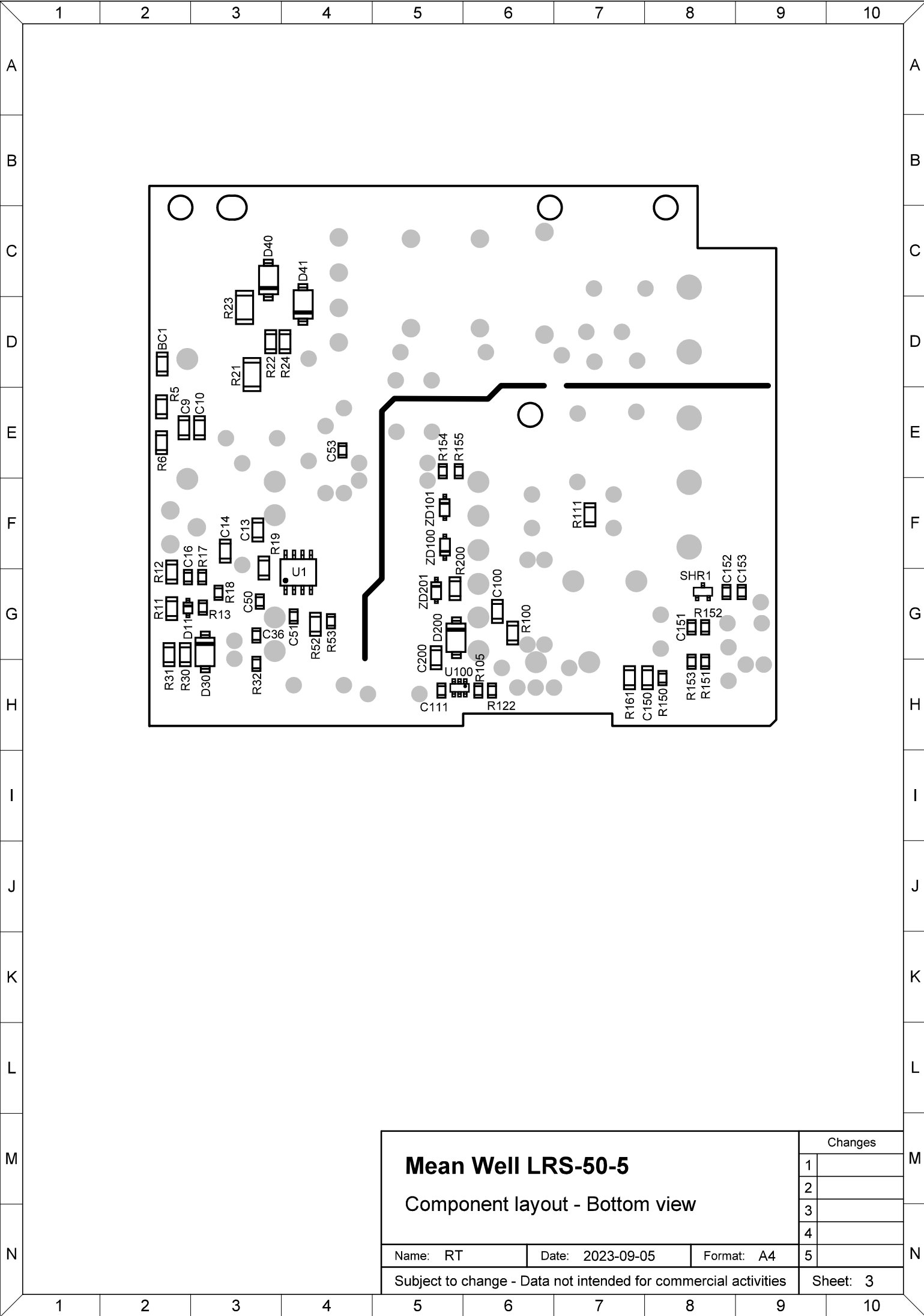
Format: A4

Subject to change - Data not intended for commercial activities

Changes

1	
2	
3	
4	
5	

Sheet: 2



	1	2	3	4	5	6	7	8	9	10		
A											A	
B		BC1	Ferrite bead (SMD)			C153	Omitted (SMD)				B	
		BD1	GBL408			C200	? (SMD)				B	
C		C1	680nF 275V X2			D1	TVS 213V				C	
		C3	Omitted			D5	1N5406G				C	
		C4	1nF 400V X1, 250V Y2			D11	1PS76SB40 (SMD)				C	
D		C5	100µF 400V 105°C			D30	S1M (SMD)				D	
		C9	? (SMD)			D40	S1M (SMD)				D	
		C10	? (SMD)			D41	S1M (SMD)				D	
E		C13	? (SMD)			D100	Omitted				E	
		C14	? (SMD)			D200	S1M (SMD)				E	
		C16	? (SMD)								E	
F		C24	470pF 400V X1, 250V Y2			F	Ferrite 3.7 x 2.8mm				F	
		C30	4.7nF 400V X1, 250V Y2			FS1	T3.15A/250V				F	
		C31	3.3nF 400V X1, 250V Y2								F	
G		C32	3.3nF 400V X1, 250V Y2			L100	1DL1RB010E				G	
		C35	10µF 50V 105°C								G	
		C36	? (SMD)			J1	Wire				G	
H		C50	? (SMD)			J2	Wire				H	
		C51	? (SMD)			J100	Omitted				H	
		C53	? (SMD)			J101	Wire				H	
I		C100	Omitted (SMD)			J102	Wire				I	
		C105	1800µF 6.3V 105°C								I	
		C106	1800µF 6.3V 105°C			LED1	Green, 3mm				I	
J		C110	1800µF 6.3V 105°C								J	
		C111	? (SMD)			LF1	LF-5009, Mean Well				J	
		C129	10nF 400V X1, 250V Y2								J	
K		C150	? (SMD)			PCB	LRS50-R13 - 2022/10/13				K	
		C151	Omitted (SMD)								K	
L		C152	? (SMD)								L	
											L	
M						Mean Well LRS-50-5 Bill of Material Name: RTDate: 2023-09-05Format: A4 Subject to change - Data not intended for commercial activities				Changes		M
					1					2023-09-13	M	
					2						M	
					3						M	
					4						M	
N										5		N
										Sheet 4		N
	1	2	3	4	5	6	7	8	9	10		

	1	2	3	4	5	6	7	8	9	10		
A											A	
B	Q1		K10A60D			R154		10kΩ (SMD)			B	
	Q100		IRFB7540PbF			R155		390Ω (SMD)				
						R161		1kΩ (SMD)				
C	R1		20Ω			R200		5.1Ω (SMD)			C	
	R5		33kΩ (SMD)									
	R6		33kΩ (SMD)			RTH1		SCK074, 7Ω 4A				
	R11		120Ω (SMD)									
D	R12		10kΩ (SMD)			SHR1		LA431OCRPA (SMD)			D	
	R13		22Ω (SMD)									
	R15		0.15Ω			SVR1		10kΩ				
E	R17		33kΩ (SMD)								E	
	R18		1.5kΩ (SMD)			T1		TF-5269, Mean Well				
	R19		47kΩ (SMD)									
F	R20		56kΩ			U1		TEA18363T (SMD)			F	
	R21		51kΩ (SMD)			U2		LTV817B				
	R22		100kΩ (SMD)			U100		TEA1792TS (SMD)				
G	R23		51kΩ (SMD)								G	
	R24		100kΩ (SMD)			ZD100		0Ω (SMD)				
	R30		5.1Ω (SMD)			ZD101		BZT52H-B22 (SMD)				
H	R31		Omitted (SMD)			ZD201		Omitted (SMD)			H	
	R32		100Ω (SMD)									
	R52		75kΩ (SMD)									
I	R53		15kΩ (SMD)								I	
	R100		Omitted (SMD)									
	R105		5.1Ω (SMD)									
J	R111		510Ω (SMD)								J	
	R122		1kΩ (SMD)									
	R150		15kΩ (SMD)									
K	R151		11.5kΩ (SMD)								K	
	R152		1kΩ (SMD)									
L	R153		560Ω (SMD)								L	
M	Mean Well LRS-50-5 Bill of Material							Changes			M	
								1	2023-09-13			
								2				
								3				
								4				
N	Name: RT				Date: 2023-09-05			Format: A4		5		N
							Subject to change - Data not intended for commercial activities			Sheet 5		
	1	2	3	4	5	6	7	8	9	10		