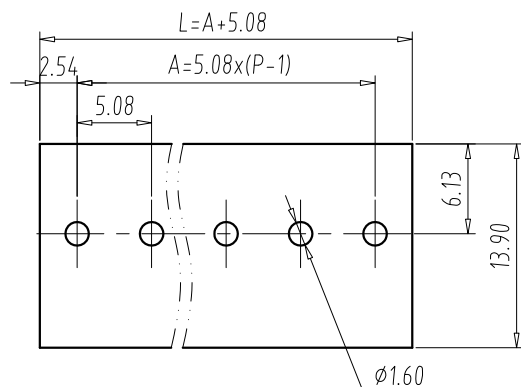
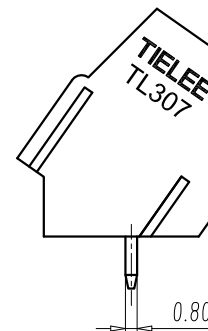
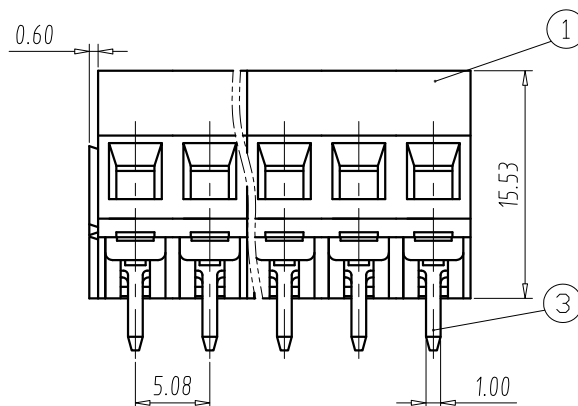
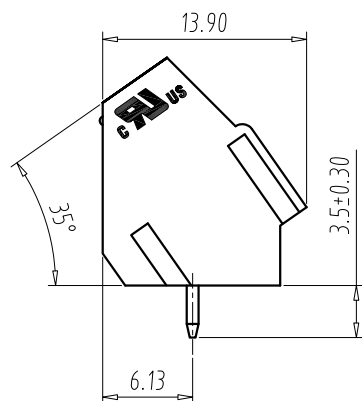
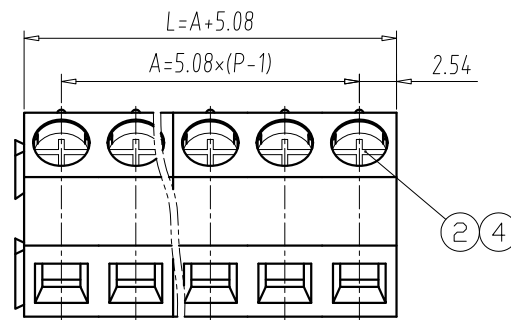


FILE: TL\307\TL307-XXP(XC/M3)

REV	E.C.N NO.	CONTENT	CHK	DATE
V0.0		ORIGINAL	ZZW	2023.01.06



PCB LAYOUT
S=2:1



NOTES:

1. UL:

Rating:300V, 20A;
Insulation Withstands Voltage:
AC1600V/MIN;
Suitable Electric Wire:
24AWG~12AWG

2. IEC:

Rating:320V, 24A;
Rate Impulse Voltage:4000V;
Insulation Resistance:
500MΩ or more at DC500V;
Contact Resistance: ≤5mΩ
Material Group: I ;
Pollution Degree:2;
Overvoltage Category:III;
Suitable Electric Wire:
0.2mm²~2.5mm²

3. Using Temperature Range:-40℃~+105℃;

4. Screw Torque Value:0.5N·m

5. Strip length:7.4mm

6. RoHS compliance;

DIM	P	2	3	4	5	6	7	8	9	10	11	12	
	L	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96	
DIM	P	13	14	15	16	17	18	19	20	21	22	23	24
	L	66.04	71.12	76.2	81.28	86.36	91.44	96.52	101.6	106.68	111.76	116.84	121.92
A	P	25	26	27	28	29	30	31	32	33	34	35	36
	L	127.0	132.08	137.16	142.24	147.32	152.4	157.48	162.56	167.64	172.72	177.8	182.88
A	P	37	38	39	40	41	42	43	44	45	46	47	48
	L	192.9	197.96	203.04	208.12	213.2	218.28	223.36	228.44	233.52	238.6	243.68	248.76
A	P	49	50	51	52	53	54	55	56	57	58	59	60
	L	258.8	263.88	268.96	274.04	279.12	284.2	289.28	294.36	299.44	304.52	309.6	314.68
A	P	61	62	63	64	65	66	67	68	69	70	71	72
	L	324.7	329.76	334.84	339.92	345	350.08	355.16	360.24	365.32	370.4	375.48	380.56
A	P	73	74	75	76	77	78	79	80	81	82	83	84
	L	390.6	395.68	400.76	405.84	410.92	416	421.08	426.16	431.24	436.32	441.4	446.48
A	P	85	86	87	88	89	90	91	92	93	94	95	96
	L	456.5	461.56	466.64	471.72	476.8	481.88	486.96	492.04	497.12	502.2	507.28	512.36
A	P	97	98	99	100	101	102	103	104	105	106	107	108
	L	522.4	527.48	532.56	537.64	542.72	547.8	552.88	557.96	563.04	568.12	573.2	578.28
A	P	109	110	111	112	113	114	115	116	117	118	119	120
	L	588.3	593.36	598.44	603.52	608.6	613.68	618.76	623.84	628.92	634	639.08	644.16
A	P	121	122	123	124	125	126	127	128	129	130	131	132
	L	654.2	659.28	664.36	669.44	674.52	679.6	684.68	689.76	694.84	699.92	705	710.08
A	P	133	134	135	136	137	138	139	140	141	142	143	144
	L	720.1	725.16	730.24	735.32	740.4	745.48	750.56	755.64	760.72	765.8	770.88	775.96
A	P	145	146	147	148	149	150	151	152	153	154	155	156
	L	786	791.04	796.12	801.2	806.28	811.36	816.44	821.52	826.6	831.68	836.76	841.84
A	P	157	158	159	160	161	162	163	164	165	166	167	168
	L	851.9	856.96	862.04	867.12	872.2	877.28	882.36	887.44	892.52	897.6	902.68	907.76
A	P	169	170	171	172	173	174	175	176	177	178	179	180
	L	917.8	922.88	927.96	933.04	938.12	943.2	948.28	953.36	958.44	963.52	968.6	973.68
A	P	181	182	183	184	185	186	187	188	189	190	191	192
	L	983.7	988.76	993.84	998.92	1004	1009.08	1014.16	1019.24	1024.32	1029.4	1034.48	1039.56
A	P	193	194	195	196	197	198	199	200	201	202	203	204
	L	1049.6	1054.68	1059.76	1064.84	1069.92	1075	1080.08	1085.16	1090.24	1095.32	1100.4	1105.48
A	P	205	206	207	208	209	210	211	212	213	214	215	216
	L	1115.5	1120.56	1125.64	1130.72	1135.8	1140.88	1145.96	1151.04	1156.12	1161.2	1166.28	1171.36
A	P	217	218	219	220	221	222	223	224	225	226	227	228
	L	1181.4	1186.48	1191.56	1196.64	1201.72	1206.8	1211.88	1216.96	1222.04	1227.12	1232.2	1237.28
A	P	229	230	231	232	233	234	235	236	237	238	239	240
	L	1247.3	1252.36	1257.44	1262.52	1267.6	1272.68	1277.76	1282.84	1287.92	1293	1298.08	1303.16
A	P	241	242	243	244	245	246	247	248	249	250	251	252
	L	1313.2	1318.28	1323.36	1328.44	1333.52	1338.6	1343.68	1348.76	1353.84	1358.92	1364	1369.08
A	P	253	254	255	256	257	258	259	260	261	262	263	264
	L	1379.1	1384.16	1389.24	1394.32	1399.4	1404.48	1409.56	1414.64	1419.72	1424.8	1429.88	1434.96
A	P	265	266	267	268	269	270	271	272	273	274	275	276
	L	1445	1450.04	1455.12	1460.2	1465.28	1470.36	1475.44	1480.52	1485.6	1490.68	1495.76	1500.84
A	P	277	278	279	280	281	282	283	284	285	286	287	288
	L	1510.9	1515.96	1521.04	1526.12	1531.2	1536.28	1541.36	1546.44	1551.52	1556.6	1561.68	1566.76
A	P	289	290	291	292	293	294	295	296	297	298	299	300
	L	1576.8	1581.88	1586.96	1592.04	1597.12	1602.2	1607.28	1612.36	1617.44	1622.52	1627.6	1632.68
A	P	301	302	303	304	305	306	307	308	309	310	311	312
	L	1642.7	1647.76	1652.84	1657.92	1663	1668.08	1673.16	1678.24	1683.32	1688.4	1693.48	1698.56
A	P	313	314	315	316	317	318	319	320	321	322	323	324
	L	1708.6	1713.68	1718.76	1723.84	1728.92	1734	1739.08	1744.16	1749.24	1754.32	1759.4	1764.48
A	P	325	326	327	328	329	330	331	332	333	334	335	336
	L	1774.5	1779.56	1784.64	1789.72	1794.8	1799.88	1804.96	1810.04	1815.12	1820.2	1825.28	1830.36
A	P	337	338	339	340	341	342	343	344	345	346	347	348
	L	1840.4	1845.48	1850.56	1855.64	1860.72	1865.8	1870.88	1875.96	1881.04	1886.12	1891.2	1896.28
A	P	349	350	351	352	353	354	355	356	357	358	359	360
	L	1906.3	1911.36	1916.44	1921.52	1926.6	1931.68	1936.76	1941.84	1946.92	1952	1957.08	1962.16
A	P	361	362	363	364	365	366	367	368	369	370	371	372
	L	1972.2	1977.28	1982.36	1987.44	1992.52	1997.6	2002.68	2007.76	2012.84	2017.92	2023	2028.08
A	P	373	374	375	376	377	378	379	380	381	382	383	384
	L	2038.1	2043.16	2048.24	2053.32	2058.4	2063.48	2068.56	2073.64	2078.72	2083.8	2088.88	2093.96
A	P	385	386	387	388	389	390	391	392	393	394	395	396
	L	2104	2109.04	2114.12	2119.2	2124.28	2129.36	2134.44	2139.52	2144.6	2149.68	2154.76	2159.84
A	P	397	398	399	400	401	402	403	404	405	406	407	408
	L	2169.9	2174.96	2180.04	2185.12	2190.2	2195.28	2200.36	2205.44	2210.52	2215.6	2220.68	2225.76
A	P	409	410	411	412	413	414	415	416	417	418	419	420
	L	2235.8	2240.88	2245.96	2251.04	2256.12	2261.2	2266.28	2271.36	2276.44	2281.52	2286.6	2291.68
A	P	421	422	423	424	425	426	427	428	429	430	431	432
	L	2301.7	2306.76	2311.84	2316.92	2322	2327.08	2332.16	2337.24	2342.32	2347.4	2352.48	2357.56
A	P	433	434	435	436	437	438	439	440	441	442	443	444
	L	2367.6	2372.68	2377.76	2382.84	2387.92	2393	2398.08	2403.16	2408.24	2413.32	2418.4	2423.48
A	P	445	446	447	448	449	450	451	452	453	454	455	456
	L	2433.5	2438.56	2443.64	2448.72	2453.8	2458.88	2463.96	2469.04	2474.12	2479.2	2484.28	2489.36
A	P	457	458	459	460	461	462	463	464	465	466	467	468
	L	2500	2505.04	2510.12	2515.2	2520.28	2525.36	2530.44	2535.52	2540.6	2545.68	2550.76	2555.84
A	P	469	470	471	472	473	474	475	476	477	478	479	480
	L	2565.9	2570.96	2576.04	2581.12	2586.2	2591.28	2596.36	2601.44	2606.52	2611.6	2616.68	2621.76
A	P	481	482	483	484	485	486	487	488	489	490	491	492
	L	2631.8	2636.88	2641.96	2647.04	2652.12	2657.2	2662.28	2667.36	2672.44	2677.52	2682.6	2687.68
A	P	493	494	495	496	497	498	499	500	501	502	503	504
	L	2697.7	2702.76	2707.84	2712.92	2718	2723.08	2728.16	2733.24	2738.32	2743.4	2748.48	2753.56
A	P	505	506	507	508	509	510	511	512	513	514	515	516
	L	2763.6	2768.68	2773.76	2778.84	2783.92	2789	2794.08	2799.16	2804.24	2809.32	2814.4	2819.48
A	P	517	518	519	520	521	522	523	524	525	526	527	528
	L	2829.5	2834.56	2839.64	2844.72	2849.8	2854.88	2859.96	2865.04	2870.12	2875.2	2880.28	2885.36
A	P	529	530	531	532	533	534	535	536	537	538	539	540
	L	2895.4	2900.48	2905.56	2910.64	2915.72	2920.8	2925.88	2930.96	2936.04	2941.12	2946.2	2951.28
A	P	541	542	543	544	545	546	547	548	549	550	551	552
	L	2961.3	2966.36	2971.44	2976.52	2981.6	2986.68	2991.76	2996.84	3001.92	3007	3012.08	3017.16
A	P	553	554	555	556	557	558	559	560	561			

4	SCREW	P	STEEL	M3/Zn Plated
3	SOLDER PIN	P	Copper Alloy	Tin Plated
2	BLOCK	P	Copper Alloy	Ni Plated
1	HOUSING	/	PA66	UL94-V0
ITEM	NAME OF PART	Q'TY	MATERIAL	NOTE

DWG.	ZZW	DATE	2023.01.06	UNITS	MM	SHEET/OF	1/1
CHK.		DATE		SCALE	2 : 1	A4	
APP.		DATE		NAME TL307-XXP(XC/M3)			
TIANLI ELECTRICAL MACHINERY(NINGBO)CO.,LTD.				DWGNO.	TLDW-TL307XXPCXM3		