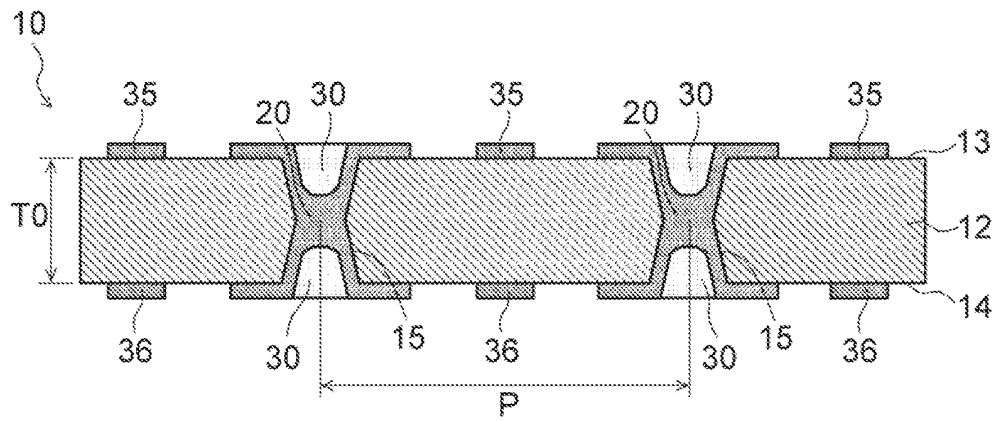
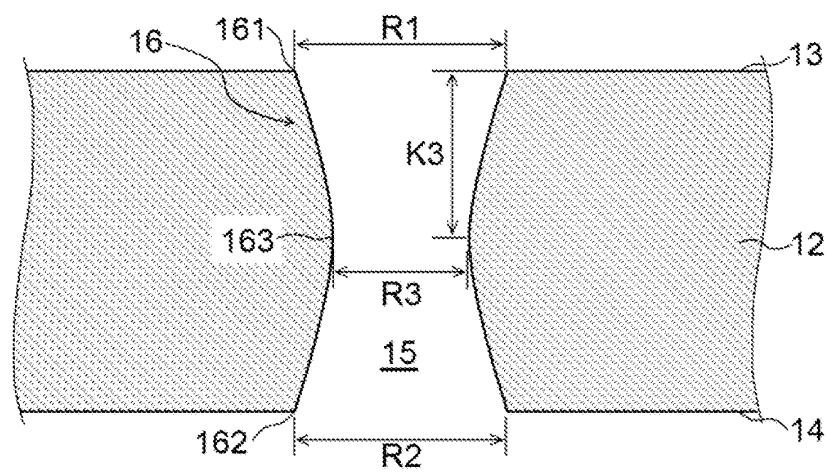


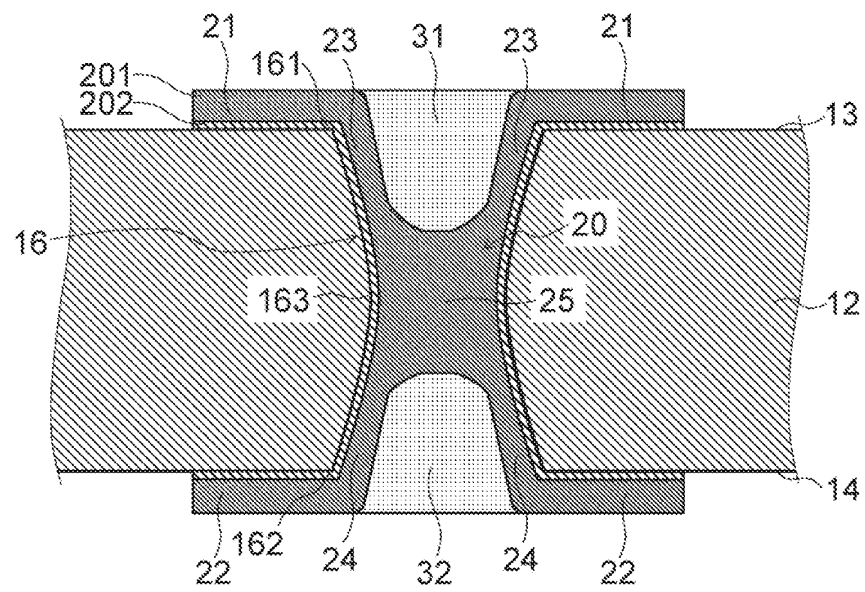
[図 1]



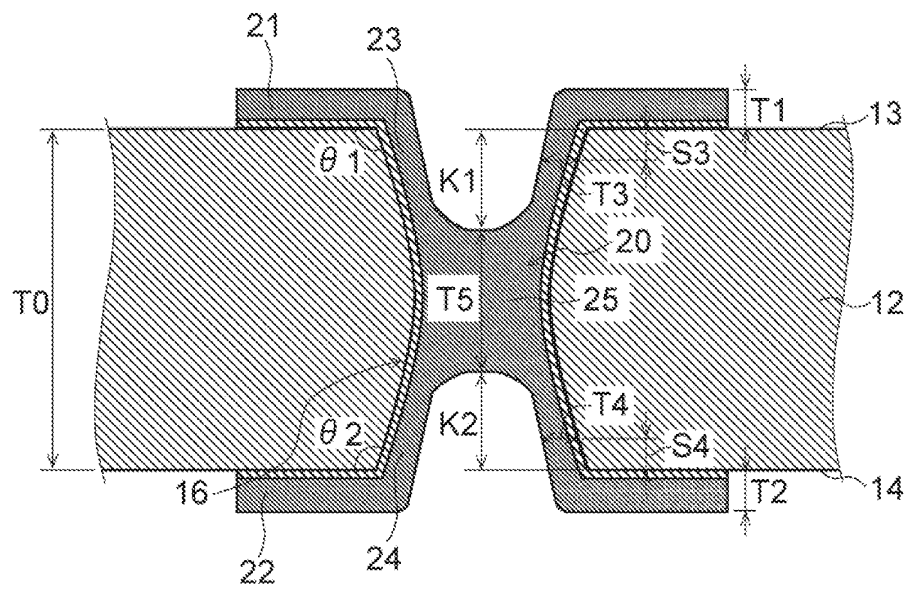
[図 2]



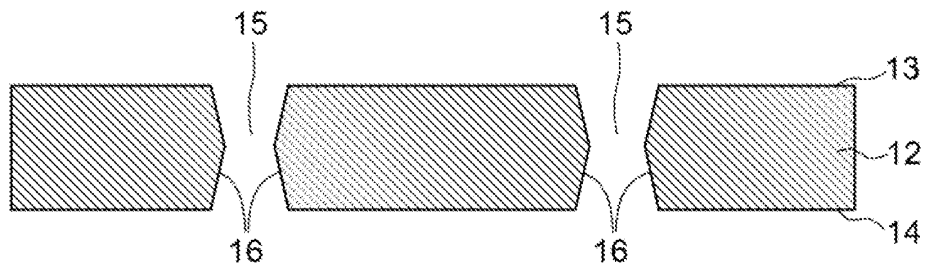
[図 3]



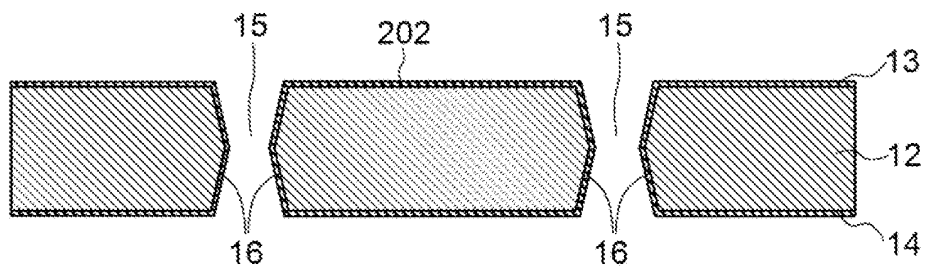
[図 4]



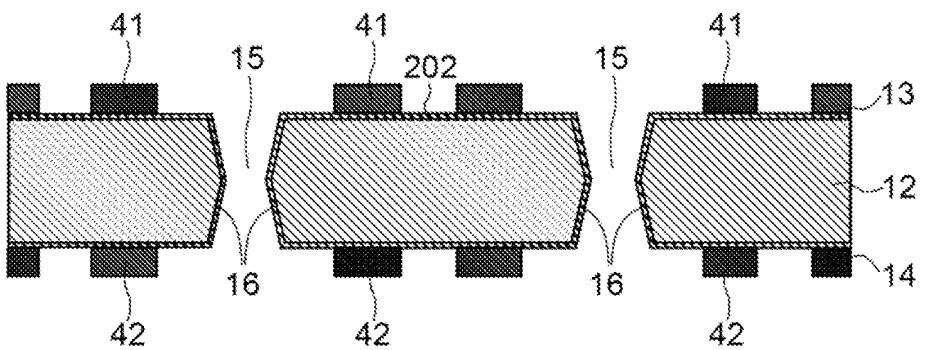
[図 5]



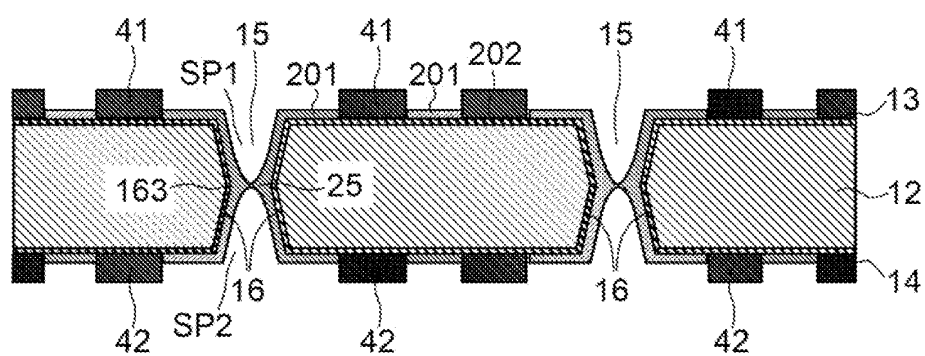
[図 6]



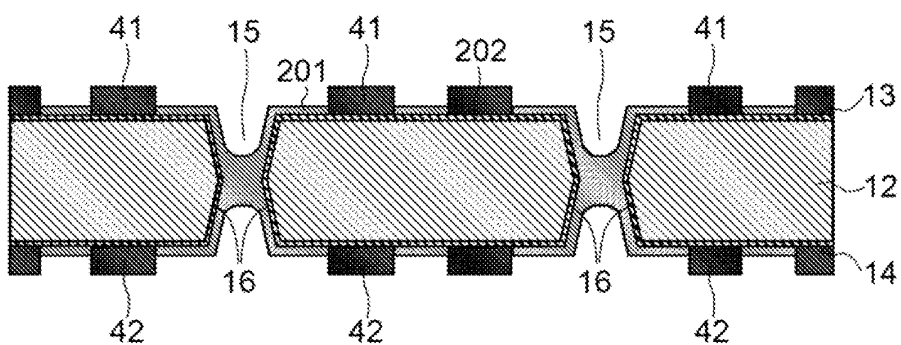
[図 7]



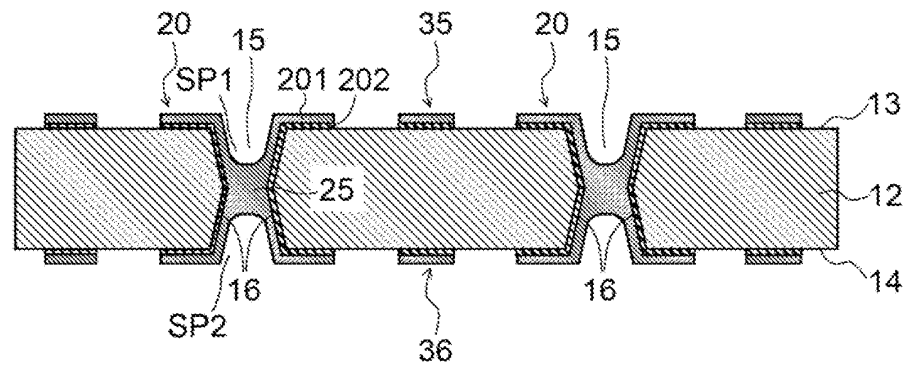
[图 8]



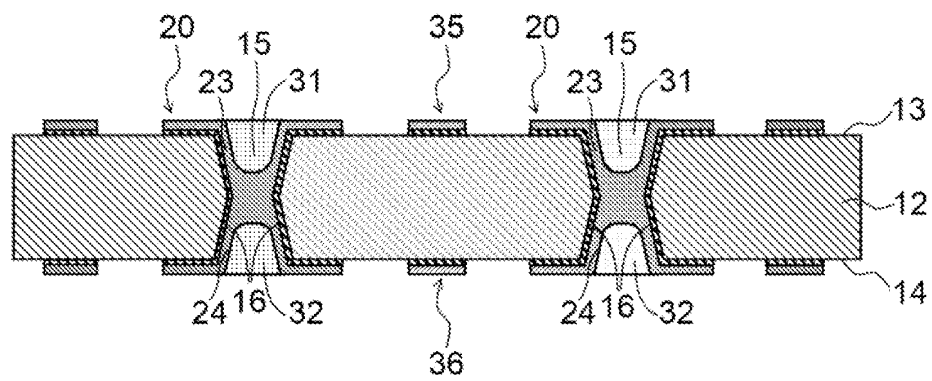
[図 9]



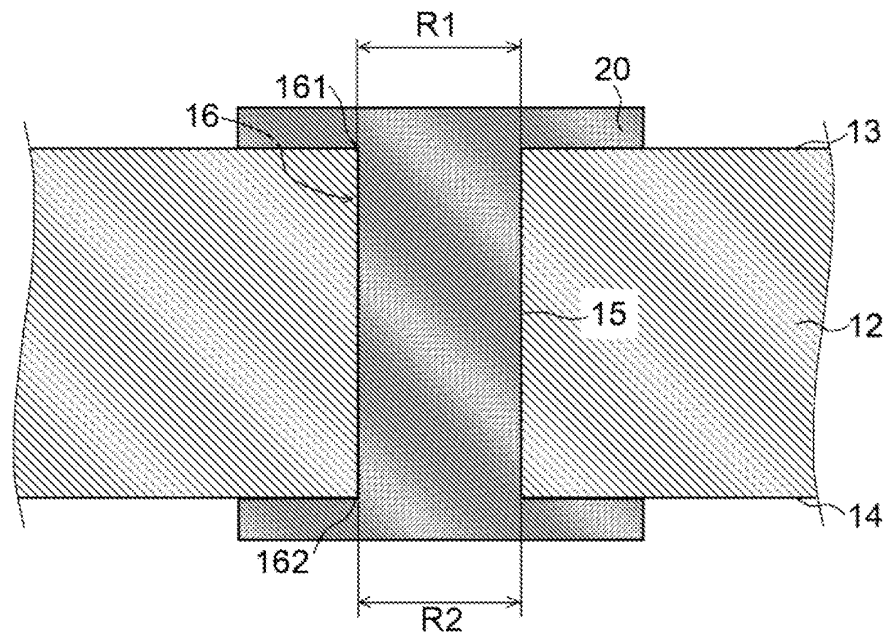
[図 10]



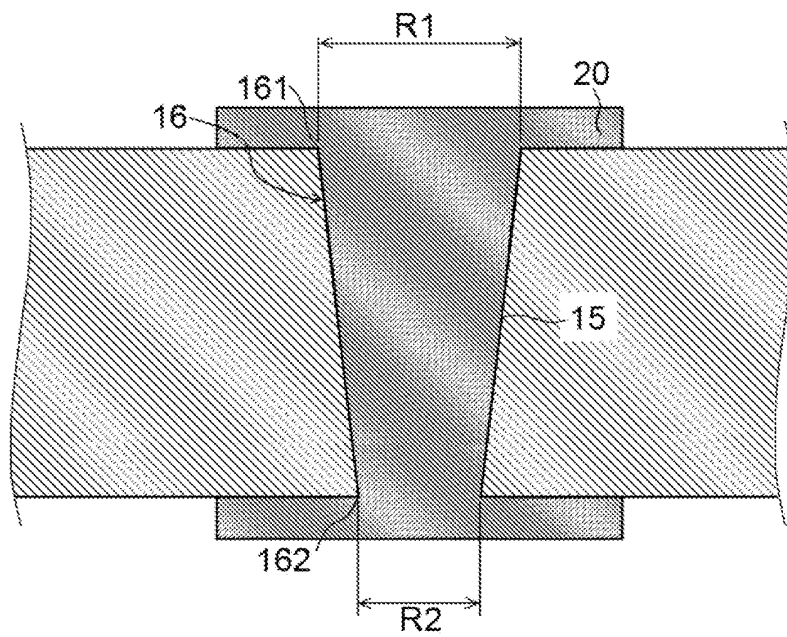
[図 11]



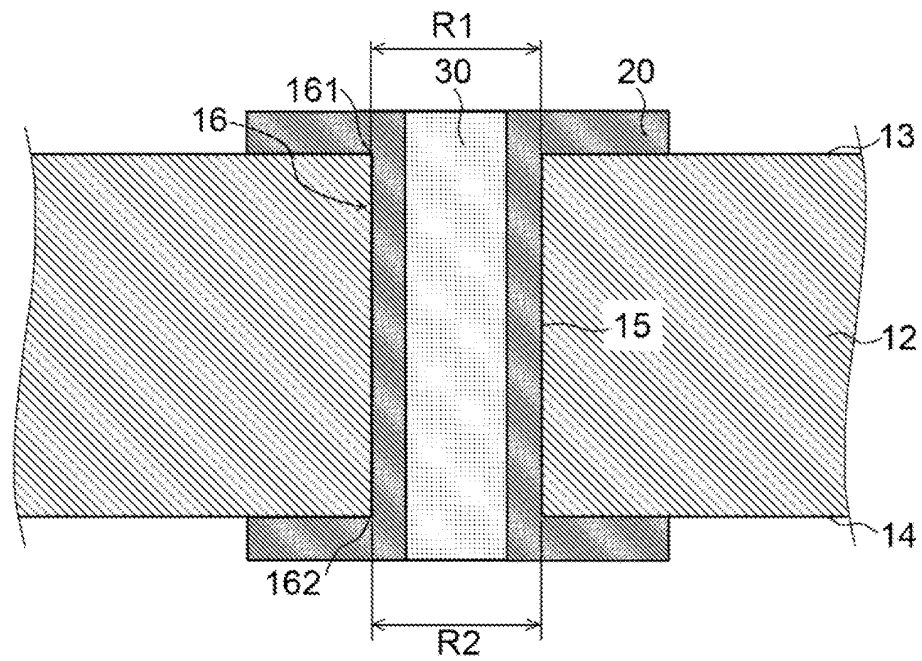
[図 12]



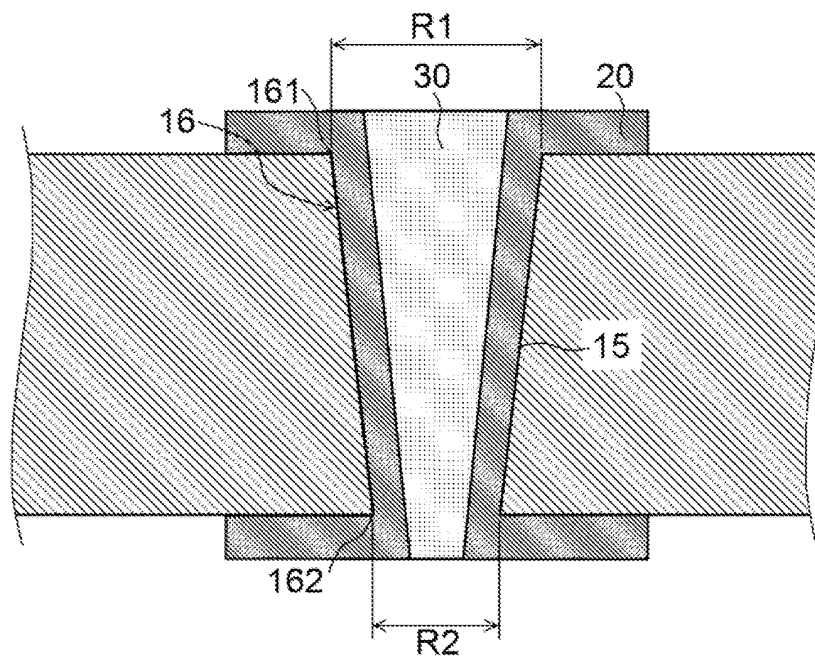
[図 13]



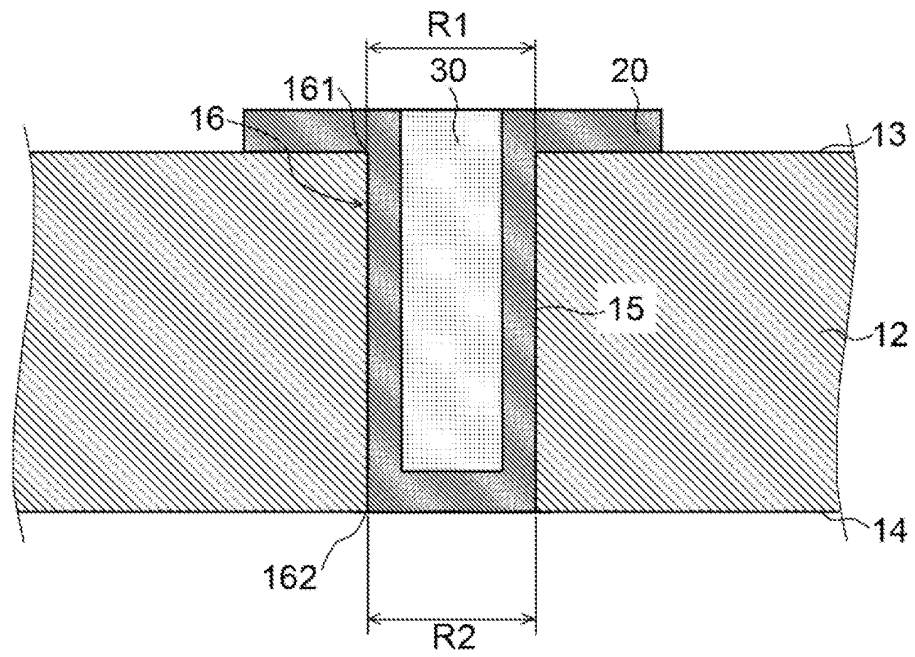
[図 14]



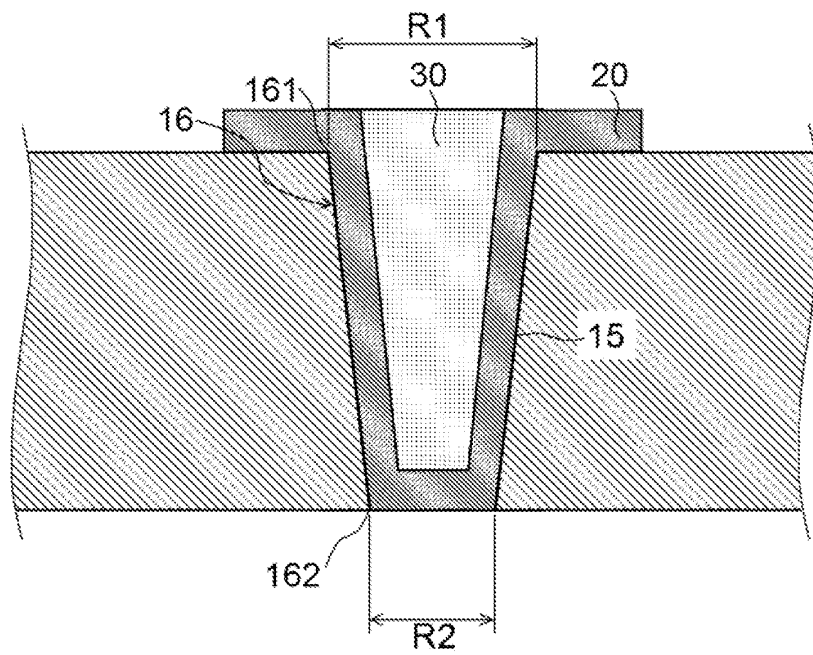
[図 15]



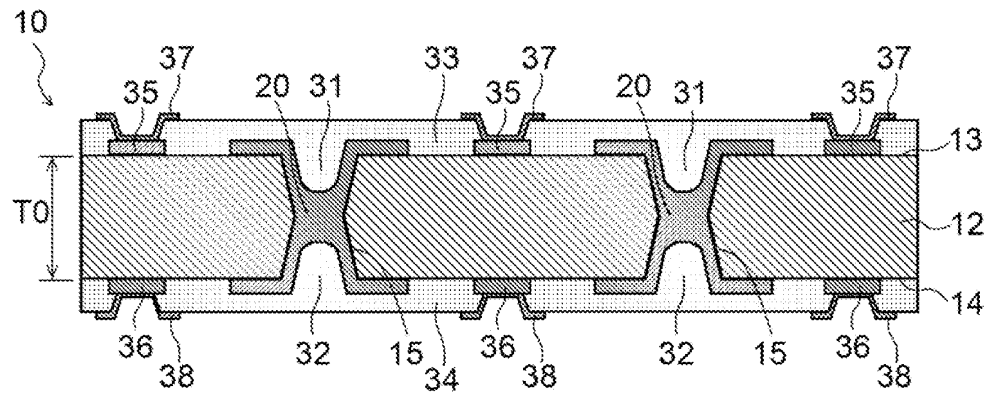
[図 16]



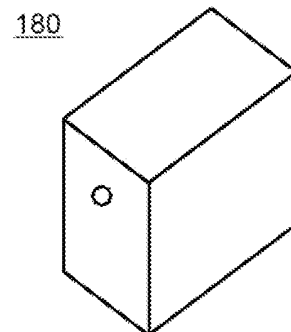
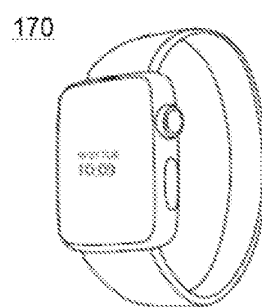
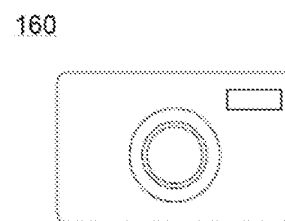
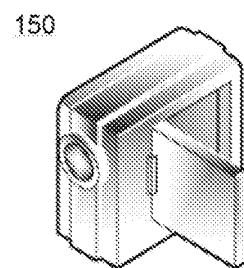
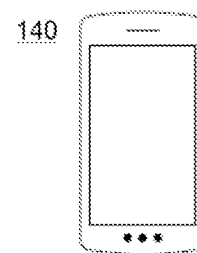
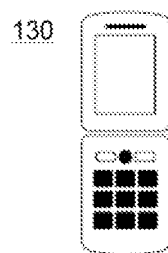
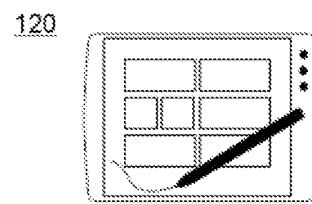
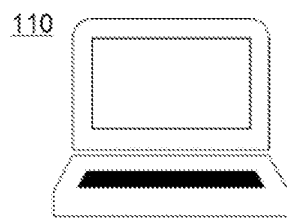
[図 17]



[図 18]



[図 19]



[図 20]

	第1寸法R1 [μm]	第2寸法R2 [μm]	最小寸法R3 [μm]	厚みT5 [μm]	K1/T0	K2/T0	T5/T0	許容電流 [A]	信頼性	判定
実施例1	150	150	60	100	0.375	0.375	0.25	0.90	good	good
実施例2	150	150	65	100	0.30	0.45	0.25	0.92	good	good
実施例3	120	120	60	100	0.4125	0.3375	0.25	0.84	good	good
実施例4	130	130	60	100	0.30	0.45	0.25	0.86	good	good
実施例5	140	140	60	100	0.375	0.375	0.25	0.88	good	good
実施例6	160	160	60	100	0.30	0.45	0.25	0.92	good	good
実施例7	170	170	60	100	0.30	0.45	0.25	0.94	good	good
実施例8	180	180	60	100	0.30	0.45	0.25	0.96	good	good
実施例9	150	150	60	120	0.315	0.385	0.30	0.94	good	good
実施例10	150	150	60	140	0.325	0.325	0.35	0.96	good	good
実施例11	150	150	60	160	0.30	0.30	0.40	0.98	good	good
実施例12	150	150	60	20	0.32	0.48	0.20	0.85	good	good

[図 21]

	第1寸法R1 [μm]	第2寸法R2 [μm]	最小寸法R3 [μm]	厚みT5 [μm]	K1/T0	K2/T0	T5/T0	許容電流 [A]	信頼性	判定
比較例1	150	150	55	100	0.30	0.45	0.25	0.78	good	NG
比較例2	150	150	70	0	0.40	0.60	0.00	0.78	good	NG
比較例3	100	100	60	100	0.30	0.45	0.25	0.78	good	NG
比較例4	90	90	60	100	0.30	0.45	0.25	0.76	good	NG
比較例5	60	60	60	400	0.00	0.00	1.00	0.34	good	NG
比較例6	150	150	60	70	0.33	0.495	0.18	0.78	good	NG
比較例7	150	150	60	60	0.34	0.51	0.15	0.76	good	NG
比較例8	150	150	60	170	0.2875	0.2875	0.43	1.00	NG	NG
比較例9	150	150	60	180	0.22	0.33	0.46	1.05	NG	NG

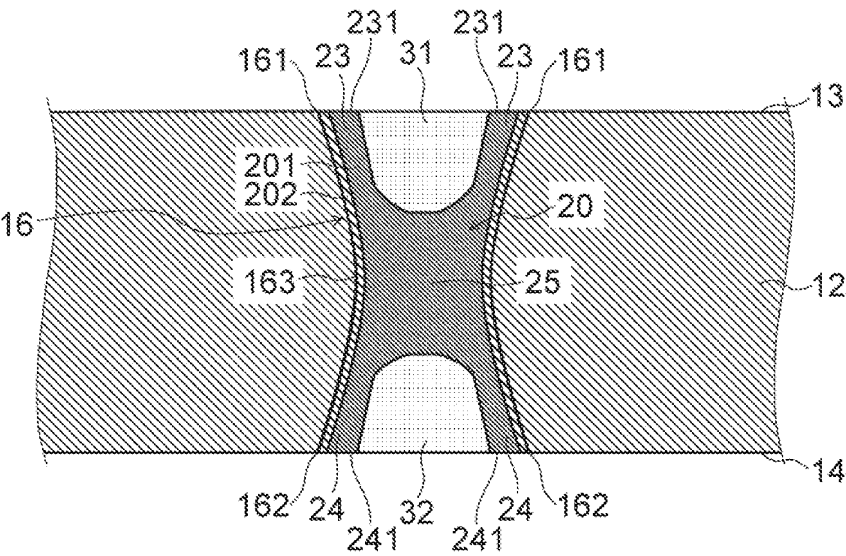
[図 22]

	R1 [μm]	R2 [μm]	R3 [μm]	T3 [μm]	T5 [μm]	K1/T0	K2/T0	T5/T0	R3/T3	許容電流 [A]	信頼性	判定
実施例13	150	150	60	30	100	0.375	0.375	0.25	2.00	0.90	good	good
実施例14	150	150	65	30	90	0.388	0.388	0.23	2.17	0.89	good	good
実施例15	150	150	60	20	80	0.40	0.40	0.20	3.00	0.84	good	good
実施例16	150	150	60	25	88	0.39	0.39	0.22	2.40	0.86	good	good
実施例17	150	150	60	40	120	0.35	0.35	0.30	1.50	0.94	good	good

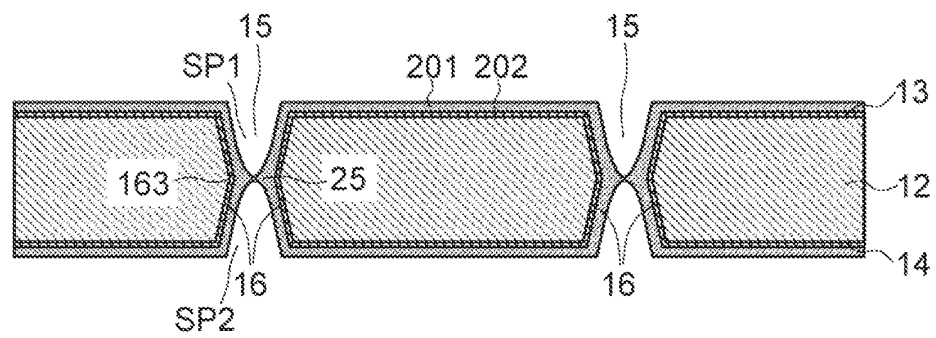
[図 23]

	R1 [μm]	R2 [μm]	R3 [μm]	T3 [μm]	T5 [μm]	K1/T0	K2/T0	T5/T0	R3/T3	許容電流 [A]	信頼性	判定
比較例10	150	150	60	15	0	0.50	0.50	0.00	4.00	0.54	good	NG
比較例11	150	150	80	20	0	0.50	0.50	0.00	4.00	0.68	good	NG
比較例12	150	150	60	60	300	0.125	0.125	0.75	1.00	0.94	NG	NG

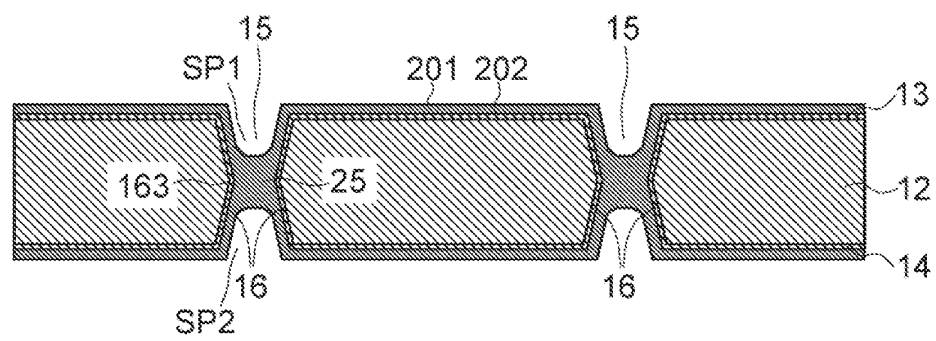
[図 24]



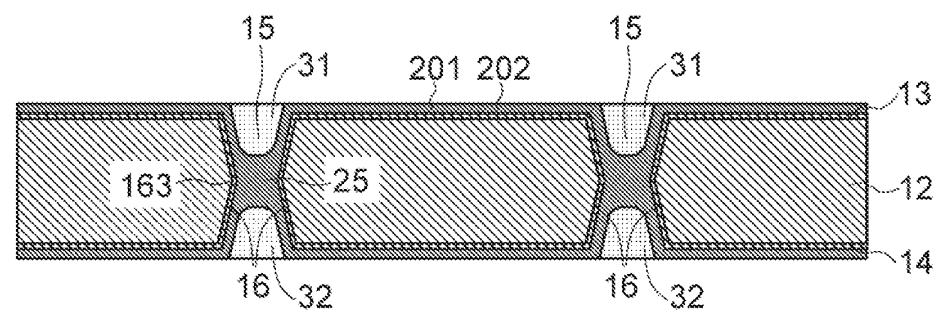
[図 25]



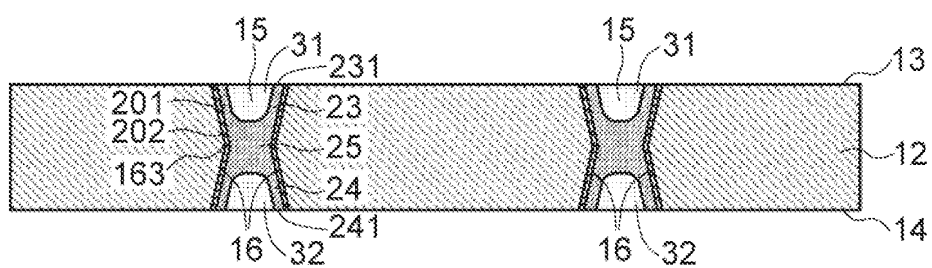
[図 26]



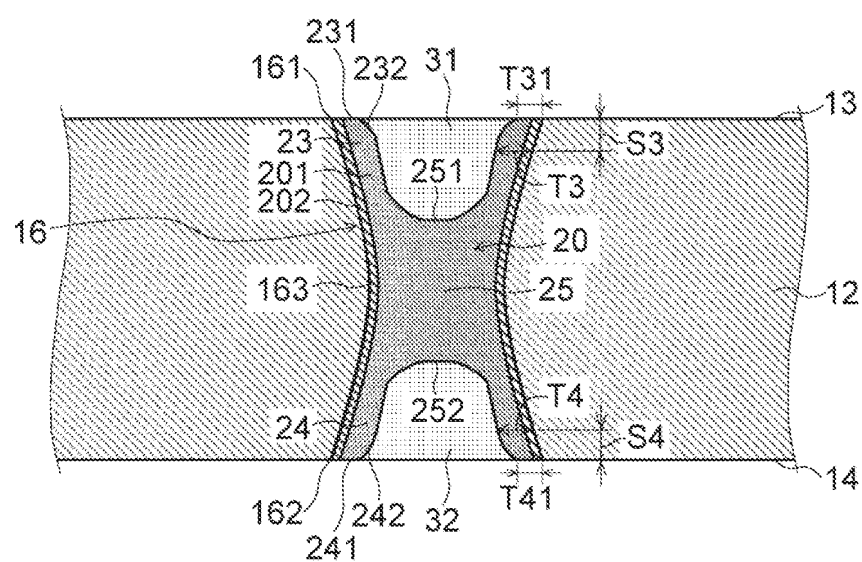
[図 27]



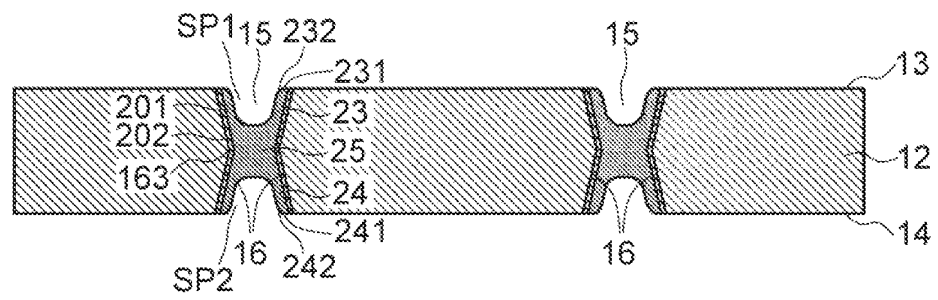
[図 28]



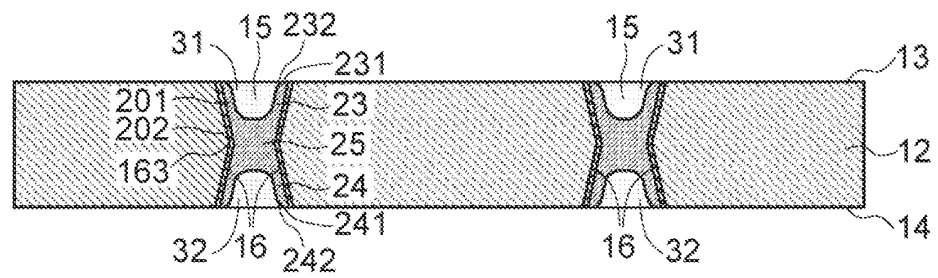
[図 29]



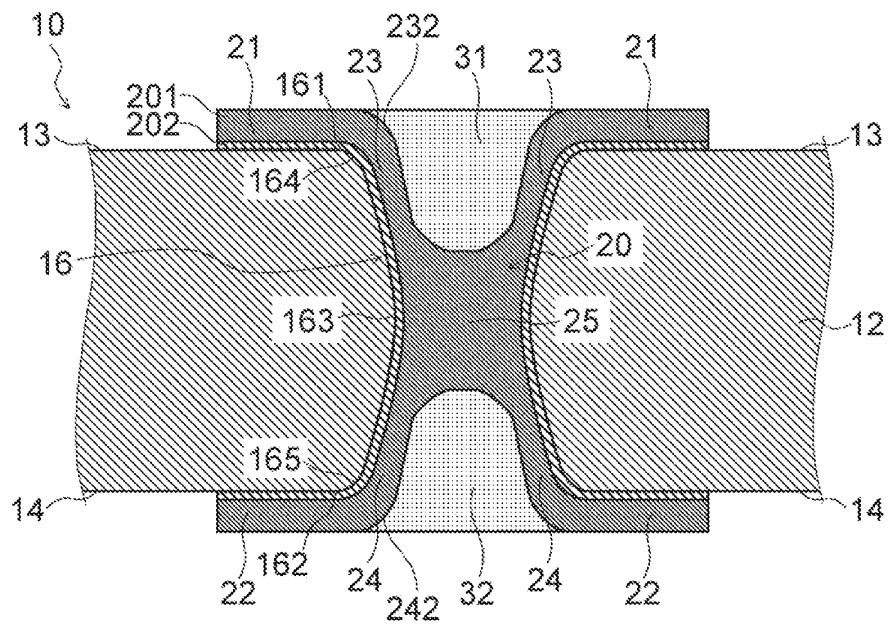
[図 30]



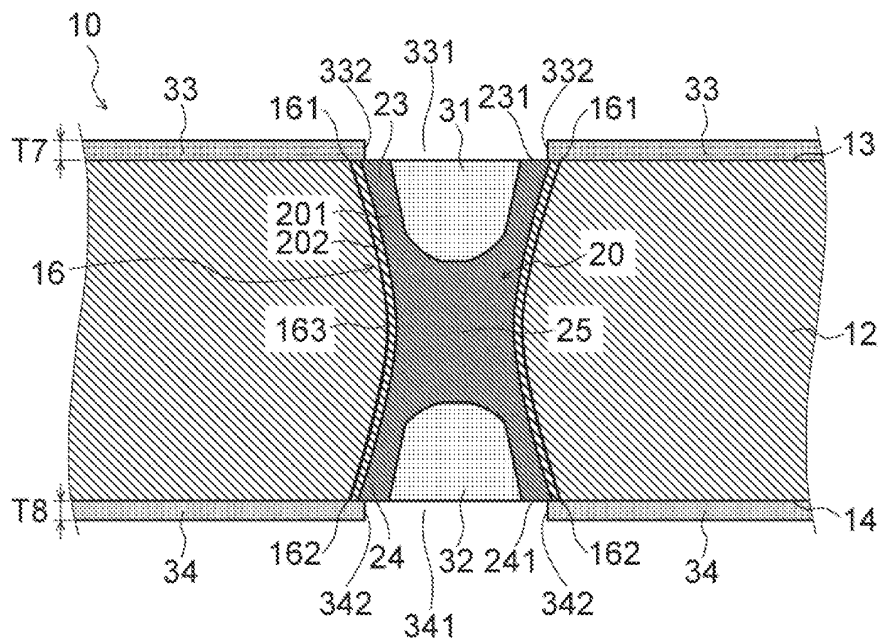
[図 31]



[図 32]



[図 33]



[図 39]

