

Variant: 001
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PMP23537 REV A Bill of Materials



Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	Package/Reference
1	PCB100	1		PMP23537	Any	Printed Circuit Board	
2	WIP, L2V9	1		8005	KeyStone	Hot Point, Miniature, Red, TH	Hot Miniature Resistor
3	C10A, C10L, C102, C106, C107, C108	6	0.1uF	8005C10A10TA	AVX	CAP, CERAM, 0.1uF, 25V, +/-5%, X7R, 0603	8005
4	WIP, C10A, C10B, C109	4	2000pF	2000P010020A	Murata	CAP, CERAM, 2000 pF, 300 V, +/-20%, E, 10, 3-Leads, Body 9x7mm, Pin Spacing 7.5mm	TH, 3-Leads, Body 9x7mm, Pin Spacing 7.5mm
5	C10A, C107, C102	3	1uF	560301E100W062	TDK	TDK, 1uF Multilayer Ceramic Capacitor, MLCC 500V dc, ±20% SMD	SMD02
6	C106	1	0.47uF	830030474K0000	TDK	CAP FILM 0.47uF 10% 630VDC RAD	B32023_16.5mm_x16
7	C106	1	0.1uF	83003010150W000	TDK	CAP FILM 0.1uF 10% 630VDC RADIAL	B32023_25.5mm
8	C11A, C11B	2	0.01uF	8005C110010TA	AVX	CAP, CERAM, 0.01uF, 10V, +/-20%, X7R, 0603	8005
9	C11A, C10B, C119	3	0.1uF	8005C110010KAD10	Murata	CAP, CERAM, 0.1uF, 6.3V, +/-5%, X7R, 0603	8005
10	C119	1	1uF	8005C110010K0E260	Murata	CAP, CERAM, 1uF, 6.3V, +/-10%, X6S, 0603	8005
11	C11A, C10A, C110, C109	4	1000pF	8005C110010K0E10000	Murata	100 pF 450 V Aluminum Electrolytic Capacitors Radial, Can 3000 Pcs (1) 100°C	RADIAL
12	C11B, C103	2	0.1uF	C1000701E100K000A08	TDK	CAP, CERAM, 1uF, 25V, +/-10%, X7R, 0603	8005
13	C11A, C11B	2	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 0.01uF, 60 V, +/-10%, X7R, 0603	8005
14	C119	1	2.2uF	2000M2000K000A000	Kemet	CAP, CERAM, 0.001uF, 60V, +/-10%, X7R, 0603	8005
15	C11A, C10A, C11A	3	100pF	8005C110010K0E100	AVX	CAP, CERAM, 100 pF, 16 V, +/-10%, X7R, 0602	402
16	C119	1	0.1uF	8005C110010K0E100	Murata	CAP, CERAM, 0.1 uF, 16 V, +/-10%, X7R, 0602	1230
17	C119	1	0.1uF	8005C110010K0E100	Kemet	CAP, CERAM, 0.1 uF, 25 V, +/-10%, X7R, 0602	8005
18	C119	1	220pF	C112A220K000A000	Samsung Electro-Mechanics	CAP, CERAM, 22 uF, 6.3 V, +/-10%, X7R, 0605	8005
19	C10A, C145	2	0.1uF	CAP, CERAM, 2.2 uF, 6.3 V, +/-10%, X7R, AEC-Q200 Grade 1, 0603			0603
20	C119, C137	2	0.01uF	C1000701E100K000A08	TDK	CAP, CERAM, 1 uF, 25 V, +/-10%, X7R, 0602	1230
21	C119	1	0.001uF	8005C110010K0E100	Murata	CAP, CERAM, 1000 pF, 25 V, +/-10%, X7R, 0603	8005
22	C119	1	0.1uF	8005C110010K0E100	AVX	CAP, CERAM, 0.1 uF, 16 V, +/-10%, X7R, 0602	402
23	C119	1	0.01uF	CAP, CERAM, 0.01 uF, 6.3 V, +/-10%, X7R, 0602			402
24	C140, C144	3	0.1uF	8005C110010K0E100	Murata	CAP, CERAM, 0.1 uF, 6.3 V, +/-10%, X7R, 0602	402
25	C146, C109	2	0.01uF	0400C100C000A000	Kemet	CAP, CERAM, 10 pF, 10 V, +/-2%, C0G/NP0, 0402	402
26	C146	1	0.01uF	8005C110010K0E100	Murata	CAP, CERAM, 0.1 uF, 25 V, +/-10%, X7R, 0602	1230
27	C146	1	0.01uF	0400C100C000A000	Kemet	CAP, CERAM, 0.01 uF, 10 V, +/-2%, C0G/NP0, 0402	402
28	C10A, C10A, C10A, C10A, C10A, C10A	5	0.1uF	8005C110010K0E100	Murata	CAP, CERAM, 0.1uF, 6.3V, +/-10%, X7R, 0602	402
29	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	AVX	CAP, CERAM, 10 pF, 10 V, +/-2%, C0G/NP0, AEC-Q200 Grade 1, 0402	402
30	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	Murata	CAP, CERAM, 1000 pF, 60 V, +/-10%, X7R, 0602	402
31	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
32	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
33	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
34	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
35	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
36	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
37	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
38	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
39	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
40	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
41	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
42	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
43	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
44	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
45	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
46	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
47	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
48	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
49	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
50	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
51	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
52	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
53	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
54	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
55	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
56	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
57	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
58	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
59	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
60	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
61	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
62	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
63	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
64	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
65	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
66	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
67	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
68	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
69	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
70	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
71	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
72	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
73	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
74	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
75	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
76	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
77	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
78	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
79	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
80	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
81	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
82	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
83	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
84	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
85	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
86	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
87	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
88	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
89	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-10%, X7R, AEC-Q200 Grade 1, 0402	402
90	C10A, C10A, C10A, C10A, C10A, C10A	5	0.01uF	8005C110010K0E100	TDK	CAP, CERAM, 400 pF, 60 V, +/-1	

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