

PHILCO

REG. U.S. PAT. OFF

Service Bulletin No. 210

(This Bulletin Supersedes Bulletin No. 66-A)

Data on PHILCO Mica Condensers

The tables below will enable you to select a PHILCO mica condenser to meet your requirements and also to identify the various types used in PHILCO receivers.

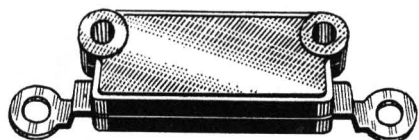
Table 1, which lists them in the order of increasing capacity, gives the capacity in microfarads; in Table 2, which lists them according to Part Number, we give the capacity in micro-microfarads. There are 1,000,000 micro-microfarads in a microfarad, so that the latter can be changed into the former by multiplying by 1,000,000; or vice versa.

TABLE 1

Part No.	Capacity (Microfarad)	Type	Color Code	Part No.	Capacity (Microfarad)	Type	Color Code
30-1030	.000015	6	Yellow Yellow Yellow	30-1014	.000400	2	Stamped with capacity
6897	.000025	3	Blue Blue	5120	.000410	3	Yellow Orange
30-1008	.000030	3	Stamped with capacity	30-1000**	.000410	4	Yellow Orange
30-1039**	.000030	6	White White Blue	30-1027**	.000410	3	Yellow Orange Green
4990	.000035	2 or 3	Green Yellow	3910	.000500	2	Green
30-1044	.000035	6	Green Yellow	6898	.000600	3	Orange Orange
30-1048†	.000035	4	Red Red Red	30-1049	.000600	6	Red Red Yellow
30-1009	.000040	3	Stamped with capacity	4520	.000700	3	White Yellow
30-1034	.000045	6	Yellow Yellow Green	5863	.000700	4	White Yellow
3774	.000050	2 or 3	White	5878	.000800	4	Green Orange
4587	.000050	3	Blue White	6021	.000800	3	Green Orange
30-1029	.000050	6	Blue White	30-1015	.000900	2	Stamped with capacity
30-1045**	.000055	6	Green Green Blue	5215	.001000	3	Green White
30-1040**	.000060	6	White White Orange	6773***	.001000	2	Green Green
30-1010	.000070	3	Stamped with capacity	30-1007	.001000	4	Green White
30-1011	.000080	3	Stamped with capacity	5886**	.001250	4	Blue Orange
30-1046**	.000090	6	Green Green Orange	7007**	.001400	4	Red Red
30-1012	.000100	3	Stamped with capacity	7139**	.001500	4	Red White
30-1035	.000100	6	Yellow Yellow Blue	5877**	.001650	4	Green Blue
4519	.000110	3	Blue Yellow	6018	.001800	4	White White
30-1005*	.000110	3	Red Yellow	6022	.001800	3	White White
30-1006	.000110	4	Blue Yellow	4059	.002000	2	Blue
30-1020	.000110	4	Blue Yellow	6853***	.002000	2	Yellow Yellow
	.000250		Yellow	30-1042**	.002000	2	Green Green Yellow
30-1031	.000110	6	Blue Yellow	7006**	.002500	4	Red
30-1036**	.000130	6	White White White	30-1026**	.002500	2	Red
30-1050***	.000130	6	Red Red White	6009	.003000	2	Orange White
30-1033	.000150	6	Yellow Yellow Yellow	7301**	.003000	2	Red Orange
30-1041**	.000150	6	Green Green Green	30-1028**	.003000	4	Red Orange
30-1013	.000200	3	Stamped with capacity	30-1016	.004000	5	Stamped with capacity
30-1047**	.000200	6	Green Green Red	30-1017	.005000	5	Stamped with capacity
30-1037**	.000235	6	White White Yellow	5981	.006000	5	Orange
3082	.000250	3	Yellow	6359	.006000	2	Orange
5858	.000250	4	Yellow	30-1001	.006000	4	Orange
30-1032	.000250	6	Yellow	30-1002***	.006000	1	Orange Green Orange
30-1038**	.000250	6	White White Green	30-1043**	.006000	2	Green Green White
8311	.000300	3	Red Green	30-1018	.008000	5	Stamped with capacity
30-1004**	.000325	4	Red Blue	30-1019	.010000	5	Stamped with capacity

NOTES: *Capacity held to within $\pm 3\%$.
 ***Condenser tested to withstand 2000 volts.

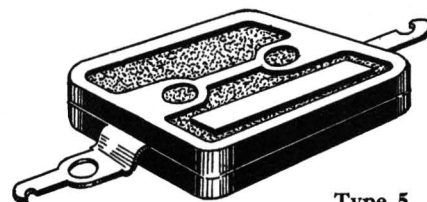
**Capacity held to within $\pm 5\%$.
 †Condenser tested to withstand 1000 volts.



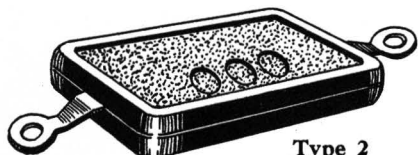
Type 1



Type 3



Type 5



Type 2



Type 4



Type 6

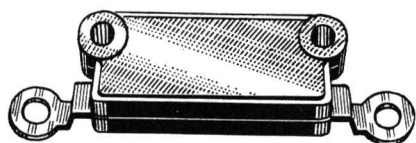
Data on PHILCO Mica Condensers—Continued

TABLE 2

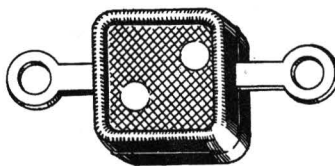
Part No.	Capacity (Micro-microfarad)	Type	Color Code	Part No.	Capacity (Micro-microfarad)	Type	Color Code
3082	250	3	Yellow	30-1009	40	3	Stamped with capacity
3774	50	2 or 3	White	30-1010	70	3	Stamped with capacity
3910	500	2	Green	30-1011	80	3	Stamped with capacity
4059	2,000	2	Blue	30-1012	100	3	Stamped with capacity
4519	110	3	Blue Yellow	30-1013	200	3	Stamped with capacity
4520	700	3	White Yellow	30-1014	400	2	Stamped with capacity
4587	50	3	Blue White	30-1015	900	2	Stamped with capacity
4990	35	2 or 3	Green Yellow	30-1016	4,000	5	Stamped with capacity
5120	410	3	Yellow Orange	30-1017	5,000	5	Stamped with capacity
5215	1,000	3	Green White	30-1018	8,000	5	Stamped with capacity
5858	250	4	Yellow	30-1019	10,000	5	Stamped with capacity
5863	700	4	White Yellow	30-1020	110	4	Blue Yellow
5877**	1,650	4	Green Blue		250		Yellow
5878	800	4	Green Orange	30-1026**	2,500	2	Red
5886**	1,250	4	Blue Orange	30-1027**	410	3	Yellow Orange Green
5981	6,000	5	Orange	30-1028**	3,000	4	Red Orange
6009	3,000	2	Orange White	30-1029	50	6	Blue White
6018	1,800	4	White White	30-1030	15	6	Yellow Yellow Yellow
6021	800	3	Green Orange	30-1031	110	6	Blue Yellow
6022	1,800	3	White White	30-1032	250	6	Yellow
6359	6,000	2	Orange	30-1033	150	6	Yellow Yellow White
6773***	1,000	2	Green Green	30-1034	45	6	Yellow Yellow Green
6853***	2,000	2	Yellow Yellow	30-1035	100	6	Yellow Yellow Blue
6897	25	3	Blue Blue	30-1036**	130	6	White White White
6898	600	3	Orange Orange	30-1037**	235	6	White White Yellow
7006**	2,500	4	Red	30-1038**	250	6	White White Green
7007**	1,400	4	Red Red	30-1039**	30	6	White White Blue
7139**	1,500	4	Red White	30-1040**	60	6	White White Orange
7301**	3,000	2	Red Orange	30-1041**	150	6	Green Green Green
8311	300	3	Red Green	30-1042**	2,000	2	Green Green Yellow
30-1000**	410	4	Yellow Orange	30-1043**	6,000	2	Green Green White
30-1001	6,000	4	Orange	30-1044	35	6	Green Yellow
30-1002***	6,000	1	Orange Green Orange	30-1045**	55	6	Green Green Blue
30-1004**	325	4	Red Blue	30-1046**	90	6	Green Green Orange
30-1005*	110	3	Red Yellow	30-1047**	200	6	Green Green Red
30-1006	110	4	Blue Yellow	30-1048‡	35	4	Red Red Red
30-1007	1,000	4	Green White	30-1049	600	6	Red Red Yellow
30-1008	30	3	Stamped with capacity	30-1050***	130	6	Red Red White

NOTES: *Capacity held to within $\pm 3\%$.
 ***Condenser tested to withstand 2000 volts.

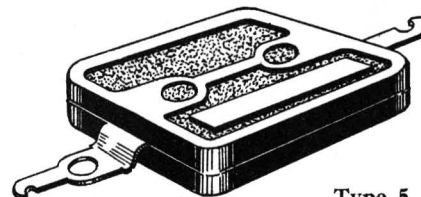
**Capacity held to within $\pm 5\%$.
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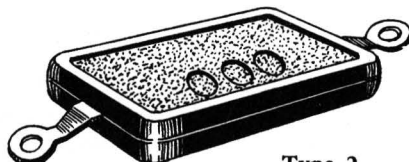
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