

SERVICE BULLETIN

AUTOMATIC MUSIC, INC.

1500 UNION AVENUE, S. E., GRAND RAPIDS 2, MICHIGAN • TELEPHONE CHERRY 3-3633



January 21, 1960

BULLETIN NO. 178

Model "K"

SUBJECT: Color Code for Molded Tubular Capacitors

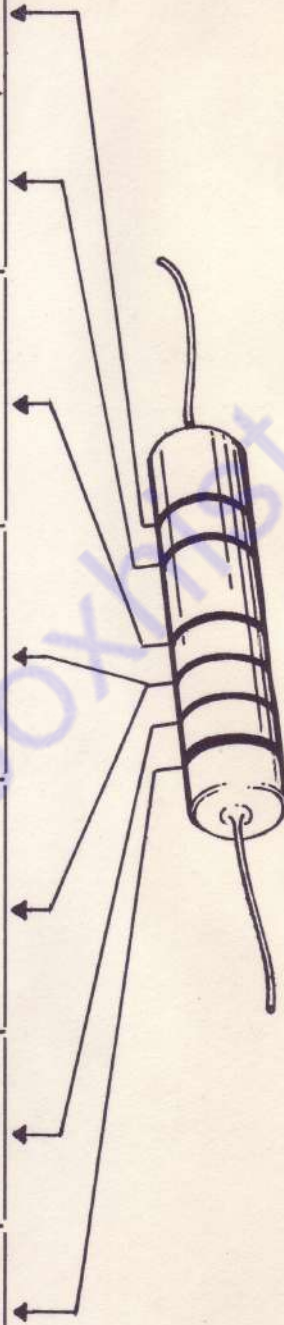
One of our major suppliers of capacitors, Sprague Products Company, is now furnishing molded tubular capacitors identified by colored bands instead of printed values. Other manufacturers may well follow Sprague's lead.

Because of this trend, we have prepared the enclosed chart which explains the color code used for molded tubular capacitors. This system does not apply to other types of capacitors.

APPLICATIONS ENGINEERING

CLB/hr
Attach.

COLOR	FIRST NUMBER 1st BAND	SECOND NUMBER 2nd BAND	MULTIPLIER 3rd BAND		TOLERANCE 4th BAND	VOLTAGE RATING		COLOR
			(MMFD)	(MFD)		5th BAND	6th BAND	
No Band	—	—	—	—	—	—	00	No Band
Black	—	0	—	—	±20%	—	—	Black
Brown	1	1	XX0	.000XX	—	1	100	Brown
Red	2	2	X,X00	.00XX	—	2	200	Red
Orange	3	3	XX,000	.0XX	±30%	3	300	Orange
Yellow	4	4	XX0,000	.XX	±40%	4	400	Yellow
Green	5	5	X,X00,000	X.X	±5%	5	500	Green
Blue	6	6	—	—	—	6	600	Blue
Violet	7	7	—	—	—	7	700	Violet
Grey	8	8	—	—	—	8	800	Grey
White	9	9	—	—	±10%	9	900	White



Note: Capacitors rated less than 1000 volts have only 5 bands

Example No. 1: A capacitor has 5 color bands;
 This means: — — — — —
 or: — — — — —
 Black, ±20%
 Brown, 1
 Yellow, 0000 MMFD
 Black, 0
 No Band, 00
 600 Volts

Example No. 2: A capacitor has 6 color bands;
 This means: — — — — —
 or: — — — — —
 White, ±10%
 Brown, 1
 Yellow, 4
 Orange, 000 MMFD
 Violet, 7
 Green, 500
 1,500 Volts

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