

# Collins Transmitters

Bulletin 101

Sheet No. 1

## LIST OF PARTS FOR 10A CRYSTAL CONTROL UNIT

(See Bulletin 100, Sheet 3 and Drawing No. 405)

Quantity Required	Symbol	Size	Rating	Description	Type No.	Price Ea.
3	$C_1 C_2 C_3$	125 mmf.	1000 V.	Tank Tuning Condensers.....	MLW-125	\$2.25
1	$C_4$	75 mmf.	500 V.	Neutralizing Condenser.....	MC-75-S	.85
1	$C_5$	3-35 mmf.	500 V.	Neutralizing Condenser (Mounted on $L_2$ )	EC-35	.30
7	$C_6$ to $C_{13}$	.006 mfd.	600 V.	Bypass Condensers.....	1460	.25
2	$C_{14} C_{15}$	.002 mfd.	1000 V.	Stopping Condenser.....	1450	.20
2	$C_{16} C_{17}$	.002 mfd.	2500 V.	Stopping Condenser.....	1456	.35
2	$R_1 R_2$	50,000 ohms	2 watt	Metallized Resistors.....	MR4	.15
2	$R_3 R_5$	50,000 ohms	3 watt	Metallized Resistors.....	MR6	.20
1	$R_4$	20,000 ohms	3 watt	Metallized Resistors.....	MR6	.20
3	RFC	40 mh.	200 V.	Radio Frequency Chokes.....		.15
1	RFC <sub>1</sub>	Radio Frequency Chokes, NAVY Type, pie-wound.....				.75
(1)	$L_1$	Oscillator Tank Inductance	1700 kc. Band.....		170C	1.15
		Oscillator Tank Inductance	3500 kc. Band.....		350C	1.15
(1)	$L_2$	Buffer Tank Inductance	1700 kc. Band.....		170B	1.95
		Buffer Tank Inductance	3500 kc. Band.....		350B	1.95
		Buffer Tank Inductance	7000 kc. Band.....		700B	1.95
		Buffer Tank Inductance	14000 kc. Band.....		140B	1.95
(1)	$L_3$	Amplifier Tank Inductance	1700 kc. Band.....		170A	1.35
		Amplifier Tank Inductance	3500 kc. Band.....		350A	1.35
		Amplifier Tank Inductance	4000 kc. Band.....		700A	1.35
		Amplifier Tank Inductance	14000 kc. Band.....		140A	1.35
1	$L_4$	Antenna Coupling Coil.....				.50
1	10A Chassis, burnished aluminum, <b>completely punched and drilled</b> .....					2.50
5	UX Wafer Sockets, G.E. Textolite insulation .....					.06
3	UY Wafer Sockets, G.E. Textolite insulation .....					.06
2	General Radio Jacks for Crystal Holder.....					.274
6	Isolantite 15/32" x .173" Bushings.....					.483
1	10A Panel, Formica, black rubbed finish, <b>completely drilled and engraved</b> --					2.75
3	General Radio Dials, 4" with flush indicators .....					.317A