



- ~ UNLESS OTHERWISE SPECIFIED ~
1. ALL LETTERING TO BE 3/32 HIGH WHITE GOTHIC.
 2. MARKING PROCESS: PER TMC SPEC S-727. LOCATE AS SHOWN.
 3. ALL DOTS 1/16 DIA.

A-3189-3 LETTERING

MOUNT IN ALL "J" HOLES.

COMPONENT SIDE

SUB-ASSY A-3189-4

ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
A		ITEMS 14 & 16 CHANGED, ITEMS 15 & 35 DELETED, ITEM 67 ADDED. SEE SHEET 1 OF 2	5/5/64	11328	AM		
B		ITEM 68 ADDED, ITEM 32 WAS RVI11U503A ITEM 31 WAS RVI11U503A, ITEM 13 DELETED ITEM 8 WAS 1 RVI11U503A AND 2N213A	7/2/64	11442	TR	@	JLC
C		IT. 28 WAS TS 104-1, IT. 33 WAS CU-149-1, IT. 39 WAS 300T IT. 52 WAS 250P, IT. 53 WAS 2000P, IT. 54 WAS N.1500P IT. 58 WAS 5 REG., IT. 66 WAS 0-10 REQ., IT. 63 ADDED IT. 62, 43, 64, 65, FX-104-2, -3, -4, -1 (023) DELETED	8/5/64	11464	SB		JLC
D		IT. 18 WAS 2 REG., DELE @ 1111. ADD IT. 70	9/10/64	12330	LB		JLC
E		IT. 39 WAS CM15B240J, IT. 49 WAS CV109-1 IT. 53 & IT. 54 WERE CR-27/U	9/29/64	12335	SB	@	JLC
F		IT. 71 ADDED TO B/M.	10/13/64	12622	SB		JLC
G		IT. 41 WAS CM15B101J	10/21/64	12719	SB		JLC
H		ON PICT. CHART ADD; IT. 70 CALLOUT @ TVR, ADDED B/M; IT. 14 WAS 2N2084, IT. 16 WAS 2N1370-4, IT. 18 WAS 2N1308, IT. 31 WAS FP-109, 2N1308 & NOTE DELE; IT. 38 WAS C-160-24; IT. 58 QTY WAS 2; IT. 60 WAS N14948NB.	2/12/65	13300	SB		JLC
J		PICT; IT. 71 RELOC; ITS. 29, 30, 55 ADD; IT. 33 CHART: SMR-1 WAS STE-1; U/O BLOCK UPDATED; B/M; IT. 27 WAS FX195; IT. 31 (RV11U101A) DELE; IT. 32 QTY WAS 1, R1612 ADD; IT. 39 WAS CM15B240J; IT. 42 WAS CM15B240J; IT. 43 WAS CM15B101J; IT. 44 WAS CM20B180J; IT. 52 WAS CR47/U; IT. 68 WAS CM15B1005	3/22/65	13634	SB		JLC
K		B/M; IT. 3 QTY WAS 1, R1602 ADD; IT. 7 QTY WAS 1, R1618 ADD; IT. 8 QTY WAS 2, R1602 DELE; IT. 25 (CL-140-10, L1609) DELE; IT. 31 (RV11U101A, R1652) DELE; IT. 32 QTY WAS 1, R1612 ADD; IT. 37 QTY WAS 5, C1604 DELE; IT. 38 QTY WAS 4, C1609 DELE; IT. 72, 73, 74, & 75 ADDED.	4/8/65	13741	SB		J.L.
L		IT. 42 CM15F271J WAS CM15C271J - IT. 68 CM15C1003J WAS CM15C1003 - IT. 75 CM15C1003 WAS CM15C1003	6/17/65	14271	D.W.		JLC
M		R1608 WAS 1609	7/16/65	15460	SB		JLC
N		LETTERING L1610, C1661 ADDED - C1604 RELOCATED - 1 SEE SHEET 1	8/16/66	15892	SDL		JLC
P		ITEM 18 WAS TX106	8/16/66	16310	WTV		JLC
R		ITEMS 76 THRU 80 ADDED, P/HST CLARIFIED	9/6/66	16819	LHW		JLC
S		ITEM 81 ADDED - ITEM 70 & 56 DELETED QTY ITEM 18 WAS 1, R1611 ADDED - ITEM 24 VALUE WAS 2-44.6P 220MH. - SEE SHEET 1. QTY ITEM 79 WAS 2	1/7/67	17954	SDL		JLC

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
1	81	RC20GF 562 J	RESISTOR, FIXED COMPOSITION	R1671
1	80	RV11U5 03A	RESISTOR, VARIABLE	R1669
1	79	RC20GF 822 J	RESISTOR, FIXED COMPOSITION	R1609
1	78	RV11U103A	RESISTOR, VARIABLE COMPOSITION	R1670
1	77	A4469	PC BD, IF	
1	76	RC20GF 101 J	RESISTOR, FIXED COMPOSITION	R1602
1	75	CM15F511 J	CAPACITOR, FIXED, MICA	C1609
1	74	CV109-8	CAPACITOR, VARIABLE, CERAMIC	C1604
1	73	CM111E681J5S	CAPACITOR, FIXED, MICA	C1661
1	72	CL275-151	COIL, RF, FIXED	L1610
12	71	PX829-1	PAD, TRANSISTOR MTG	
1	70	DELETED		
3	69	WA109-17	WASHER, FIBER	
	68	DELETED		
1	67	CC100-15	CAPACITOR, FIXED, CERAMIC	C1620
0-04	66	WL-100-8	WIRE, BUSS, SIZE 24	
	65	DELETED		
	64	DELETED		
	63	DELETED		
	62	DELETED		
3	61	SCBP0440BN7	SCREW, MACHINE	
5	60	NTH0440BN6	NUT, HEX	
5	59	LWEO4MRN	WASHER, LOCK, EXT	
5	58	FWOAHBN	WASHER, FLAT	
X	57	BS-100	SOLDER, SOFT	
	56	DELETED		
	55	DELETED		
1	54	CR-16/U-15000000MC	CRYSTAL UNIT, QUARTZ	Y1603
1	53	CR-18/U-20000000MC	CRYSTAL UNIT, QUARTZ	Y1602
1	52	CR-46AN-250,000KC	CRYSTAL UNIT, QUARTZ	Y1601
1	51	CV-114-1	CAPACITOR, VARIABLE, MICA	C1602
2	50	CV-118-2	CAPACITOR, VARIABLE, CER.	
2	49	CV-109-6	CAPACITOR, VARIABLE, CER.	
1	48	CE105-4-15	CAPACITOR, FIXED, ELECTROLYTIC	C1616
1	47	CE105-50-15	CAPACITOR, FIXED, ELECTROLYTIC	C1615
2	46	CE105-25-15	CAPACITOR, FIXED, ELECTROLYTIC	
2	45	CM-111D181G5S	CAPACITOR, FIXED, MICA	
1	44	CM100-11		C1603
1	43	CM20F1026		C1645
3	42	CM15F271J		C1623
1	41	CM15C470J		C1608
1	40	CM15C680G		
2	39	CM15C240J	CAPACITOR, FIXED, MICA	
3	38	CC-100-25	CAPACITOR, FIXED, CERAMIC, DISC	
4	37	CC-100-16	CAPACITOR, FIXED, CERAMIC, DISC	
7	36	CC-100-33	CAPACITOR, FIXED, CERAMIC, DISC	
	35			
11	34	CC-100-28	CAPACITOR, FIXED, CERAMIC, DISC	
3	33	SEE CHART	RETAINER, CRYSTAL HOLDER	
2	32	RV11U501A	RESISTOR, VARIABLE, COMP	R1663
	31	DELETED		
1	30	NT-137-1032	NUT, NYLON	
1	29	SC-143-1032-B-8	SCREW, NYLON 1/2" LONG	
3	28	TS104-2	SOCKET, CRYSTAL	
1	27	FX-195-1	FILTER, MECHANICAL	FL1601
1	26	TF-228K15	XFMR, PULSE	T1602
	25	DELETED		
4	24	CL-140-6	COIL, RF, FIXED 220-UH	
1	23	CL-275-102	COIL, RF, FIXED 1.0MH	L1607
1	22	CL-275-473	COIL, RF, FIXED 47MH	L1601
4	21	1N34A	SEMICONDUCTOR DEVICE, DIODE	
3	20	1N68	SEMICONDUCTOR DEVICE, DIODE	
	19	DELETED		
2	18	2N697	TRANSISTOR	
1	17	2N130		Q1610
2	16	TX107	TRANSISTOR	Q1603
	15			Q1604
7	14	TX109	TRANSISTOR	
	13	DELETED		
1	12	RC20GF 104 J	RESISTOR, FIXED, COMP.	R1637
9	11	103		
1	10	682		R1630
5	9	472		
1	8	332		
11	7	102		
1	6	561		FL29
1	5	RC20GF 471 J		R1610
	4			
1	3	RC20GF 221 J		R1636
1	2	RC20GF 220 J	RESISTOR, FIXED, COMPOSITION	R1616
11	1	TE-127-3	TERMINAL, STUD	

