

USED ON

MODEL

SECTION

DDR-5

HNF-1

E

LIST NO.

REV.

NOTCH FILTER

(TITLE)

LIST SECTIONS

LAST SYMBOLS

C4027
EV4006
J4003
L4006
R4029
S4001
T4005
V4006
XV4006
Z4001

MISSING SYMBOLS

C4010
R4007
R4008

- 1. SUPPORTING LISTS (NONE REQ.)
- 2. ELECTRICAL / MECHANICAL (SH.1-6)
- 3. TUBES / DIODES (SH.7)
- 4. HARDWARE (SH.8-10)
- 5. RAW MATERIALS (SH.11-12)
- 6. SUPPORTING DRAWINGS (SH.13-14)
- 7. SPECIFICATIONS (SH.15)
- 8. LOOSE ITEMS (NONE REQ.)
- 9. PARTS PECULIAR (NONE REQ.)

TYPED 4/12/62
CHECKED _____
APPROVED _____

MATERIAL LIST		REV.	B	C	D	E											MODEL	HNF-1	
																SHEET	1	OF	15
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
1	A-2413-1	Machining, Terminal Board		A-2413-2		1													
1	A-2413-2	Lettering, Terminal Board		A-2413-3		1													
1	A-2413-3	Sub-Assembly, Terminal Board		A-2413-4		1													
1	A-2414-1	Machining, Terminal Board		A-2414-2		1													
1	A-2414-2	Lettering, Terminal Board		A-2414-3		1													
1	A-2414-3	Sub-Assembly, Terminal Board		A-2414-4		1													
2	BX204-1	case, Cyl, PLstc		TZ107		1													
				TZ107		1													
1	CBI18SRX200200	Capacitor, Variable, Air		A-2537		1	C4015												
1	CC-100-11	Capacitor, Fixed, Ceramic, Disc, .0022 uf		AC-150		1													
10	CC-100-24	Capacitor, Fixed, Ceramic, Disc, .02 uf	500V	A-2414-4		1	C4002,												
				A-2413-4		3	C4003, 4004, 4006												
				A-2413-4		2	C4007, 4008												
				A-2414-4		2	C4011, 4012												
				A-2537		1	C4017												
				A-2414-4		1	C4021												
6	CC-100-28	Capacitor, Fixed, Ceramic, Disc, .1 uf	100V	A-2414-4		1	C4001												
				A-2413-4		1	C4005												
				A-2537		3	C4009, 4023, 4024												
				A-2537		1	C4027												
2	CC-100-37	Capacitor, Fixed, Ceramic, Disc, .1 uf	300V	A-2413-4		1	C4025												
				A-2537		1	C4026												
4	CC-100-35	Capacitor, Fixed, Ceramic, Disc, .02 uf	150V	A-2537		3	C4018, 4019, 4020												
				A-2537		1	C4022												

MATERIAL LIST		REV.	B	C	D	E											MODEL	HNF-1		
																SHEET	2	OF	15	
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS													
				USED ON	USED TO MOUNT	QUAN.														
5	CF-122-1.93	Form, Coil																		
2	CF135-7	FORM, COIL-2 FLG																		
3	CI-116-6	Core, Tuning	Yellow																	
4	CI-116-17	Core, Tuning																		
4	CI119TID	CORE, CUP																		
8	CI-120-1	Core, Toroid Bead																		
1	CL-226-5	Coil, RF, Fixed, 50 mh																		
1	CL-275-473	Coil, RF, Fixed, 47 mh																		
1	CM15B101J	Capacitor, Fixed, Mica																		
2	CM108G10001K	Capacitor, Fixed, Mica, Precision																		
1	CM111D101H5S	Capacitor, Fixed, Mica																		
3	CM111D102H1S	Capacitor, Fixed, Mica																		
1	CM111D181H5S	Capacitor, Fixed, Mica																		
1	CM112D102H3S	Capacitor, Fixed, Mica																		
2	CM112D202G3S	Capacitor, Fixed, Mica																		

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	B	C	D	E										MODEL	HNF-1		
																SHEET	3	OF	15
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
1	CU-102-3	Clamp, Loop		A-2537		1													
4	CU-139-2B	Ferrule, Handle		A-2574		4													
1	EY-102-4	Grommet, Elastic		A-2537		1													
5	FP-182-7	Can, Machining		A-3029-1		5													
1	FX-178	Filter, Band Suppression, 455KC		A-2537		1	Z4001												
2	HA-102-11BN	Handle		A-2574		2													
2	JJ-172	Connector, Receptacle, BNC		CA-480-14		2	J4001,4002												
1	JJ-200-2	Connector, Receptacle		A-2537		1	J4003												
1	MC-124	Coupling, Flexible		A-2574		1													
1	MP-123-5FB	Knob, Instrument		A-2574		1													
1	MP-123-5UB	Knob, Instrument		A-2574		1													
1	MS-1775-17	Blank Size, Cover, Top	MS-2908																
1	MS-1775-27	Blank Size, Cover, Bottom	MS-2907																
1	MS-2716	Panel, Front	LD-1061	A-2574		1													
1	MS-2735	Indicator, Tuning		A-2574		1													
1	MS-2868	Chassis, Main	LD-1066	A-2537		1													
1	MS-2907	Cover, Bottom	MS-1775-27	A-2575		1													
1	MS-2908	Cover, Top	MS-1775-17	A-2575		1													
2	MS-2913	Plate, Side, Right & Left		A-2575		2													
1	MS-2914	Panel, Rear	LD-1065	A-2575		1													

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MATERIAL LIST		REV.	B C D E										MODEL HNF-1	
													SHEET 4	OF 15
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS							
				USED ON	USED TO MOUNT	QUAN.								
1	MS-2915	Retainer, Capacitor		A-2537		1								
1	NP-102-44	Nameplate, Identification	Comm.	A-2574		1	When Required							
1	NP-424	Nameplate, Identification	Navy	A-2574		1	When Required							
1	PM-765	Spacer, Bar		A-2537		1								
1	PO-229-	Drive, Vernier		A-2574		1								
2	PO261-1	HEADER		TZ107		2								
5	PX-635-1	Terminal Board		AC-149		1								
				AC-150		1								
				TT-170		1								
				TT-171		1								
				TT-172		1								
1	RC20GF102K	Resistor, Fixed, Composition		A-2413-4		1	R4009							
2	RC20GF103K	Resistor, Fixed, Composition		A-2537		1	R4021							
				TT-170		1								
1	RC20GF153K	Resistor, Fixed, Composition		A-2414-4		1	R4023							
1	RC20GF181K	Resistor, Fixed, Composition		A-2414-4		1	R4025							
1	RC20GF221K	Resistor, Fixed, Composition		A-2414-4		1	R4022							
2	RC20GF223K	Resistor, Fixed, Composition		A-2413-4		2	R4010, 4018							
1	RC20GF333K	Resistor, Fixed, Composition		TT-171		1								
2	RC20GF392K	Resistor, Fixed, Composition		A-2414-4		1	R4003							
				A-2413-4		1	R4015							

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MATERIAL LIST		REV.	B	C	D	E										MODEL	HNF-1		
																SHEET	5	OF	15
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
3	RC20GF470K	Resistor, Fixed, Composition		A-2537		3	R4001,4012,4017												
7	RC20GF472K	Resistor, Fixed, Composition		A-2414-4		1	R4004												
				A-2537		1	R4006												
				A-2413-4		3	R4011,4016,4020												
				A-2414-4		2	R4024,4027												
1	RC20GF474K	Resistor, Fixed, Composition..		A-2537		1	R4026												
1-	RC20GF563K	Resistor, Fixed, Composition		A-2537		1	R4013												
2	RC20GF680K	Resistor, Fixed, Composition		A-2414-4		1	R4002												
				A-2413-4		1	R4014												
1	RC20GF681K	Resistor, Fixed, Composition		A-2413-4		1	R4019												
1	RC20GF822K	Resistor, Fixed, Composition		A-2537		1	R4005												
1	RC32GF562K	Resistor, Fixed, Composition		A-2413-4		1	R4028												
1	RC42GF153K	Resistor, Fixed, Composition		A-2413-4		1	R4029												
10	SM-140-2	Bushing, Coil Mounting =		AC-149		2													
				AC-150		2													
				TT-170		2													
				TT-171		2													
				TT-172		2													
1	SW-303 TA102-3	Switch, Rotary Ins Tape, EL-P		A-2574 TZ107		1	S4001A, B												

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST

REV.

B C D E

MODEL HNF-1

SHEET 6 OF 15

QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
3	TS-102-P01	Socket, Tube, 7 Pin		A-2537		3	XV4002, 4004, 4006
3	TS-102-U02	Shield, Tube		A-2537		3	EV4002, 4004, 4006
3	TS-103-P01	Socket, Tube, 9 Pin		A-2537		3	XV4001, 4003, 4005
1	TS-103-U02	Shield, Tube		A-2537		1	EV4005
2	TS-103-U03	Shield, Tube		A-2537		2	EV4001, 4003
2	TZ-107 (A3633)	Transformer, RF		A-2537		2	T4001, 4002

MATERIAL LIST		REV.	B	C	D	E											MODEL	HNF-1		
																	SHEET	7	OF	15
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS													
				USED ON	USED TO MOUNT	QUAN.														
		TUBES & DIODES																		
1	6AB4	Tube, Electron, Osc.		A-2537		1	V4006													
2	6BA6	Tube, Electron, I.F. Ampl. I.F. Ampl.		A-2537		1	V4002													
				A-2537		1	V4004													
2	6S4A	Tube, Electron, Mixer Mixer		A-2537		1	V4001													
				A-2537		1	V4003													
1	6U8A	Tube, Electron, Osc. Ampl.		A-2537		1	V4005													

MATERIAL LIST		REV.	B	C	D	E											MODEL	HNF-1		
																	SHEET	8	OF	15
QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS													
				USED ON	USED TO MOUNT	QUAN.														
4	AN565D6H3	Setscrew, 6-32 x 3/16		MC-124		4														
10	EY-100-1	Eyelet, Flat Flange		A-3029-1		10														
10	FS-102-1	Spring, "S" Type		A-2575		10														
10	FS-109-3	Ring, Stud Retaining		MS-2907		4														
				MS-2908		6														
10	FS-110-1	Stud, Slotted Head		MS-2907		4														
				MS-2908		6														
6	FW06HBN	Washer, Flat		A-2537		2														
1	FW08HBN	Washer, Flat		A-2574		4														
2	LWE02MRN	Washer, Lock, External		A-2537/		1														
				A-2537		2														
16	LWE04MRN	Washer, Lock, External		A-2537		9														
				A-2574		3														
26	LWE06MRN	Washer, Lock, External		A-2575		4														
				A-2537		14														
				A-2574		4														
1	LWE08MRN	Washer, Lock, External		A-2575		8														
				A-2537		1														
10	LWI08MRN	Washer, Lock, Internal		AC-149		2														
				AC-150		2														
				TT-170		2														
				TT-171		2														
				TT-172		2														
20	LWS03MRN	Washer, Lock, Split		A-2575		20														
12	LWS04MRN	Washer, Lock, Split		A-2537		12														

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MATERIAL LIST		REV.	B	C	D	E											MODEL	HNF-1	
																SHEET	9	OF	15
QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
3	NT-101-4	Nut, Straddle		A-2537		3													
3	NT-101-5	Nut, Straddle		A-2537		3													
4	NTH0256BN6	Nut, Hexagon		A-2537		2													
				TZ107		1													
				TZ107		1													
1	NT-129-440-4	Nut, Swage		MS-2915		1													
16	NT-129-632-4	Nut, Swage		MS-2868		8													
				MS-2913		8													
4	NT129-1032-4	Nut, Swage		MS2913		4													
20	NTH0348BN6	Nut, Hexagon		A-2575		20													
6	NTH0440BN8	Nut, Hexagon		A-2537		2													
				A-2575		4													
12	NTH0632BN8	Nut, Hexagon		A-2537		12													
11	NTH0832BN8	Nut, Hexagon		A-2537		1													
				AC-149		2													
				AC-150		2													
				TT-170		2													
				TT-171		2													
				TT-172		2													
10	SC-106-1	Bolt, Spade		A-3029-1		10													
2	SCBP0256BN9	SCR, MACH		TZ107		2													
1	SCBP0440BN3	Screw, Machine		A-2537		1													
21	SCBP0440BN4	Screw, Machine		A-2537		21													
4	SCBP0440BN5	Screw, Machine		A-2575		4													
3	SCBP0440BN6	Screw, Machine		A-2574		3													

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MATERIAL LIST		REV.	B	CODE												MODEL	HNF-1		
																SHEET	10	OF	15
QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
8	SCBP0632BN5	Screw, Machine		A-2575		8													
12	SCBP0632BN7	Screw, Machine		A-2574		4													
				A-2575		8													
2	SCBP0632BN12	Screw, Machine		A-2537		2													
1	SCBP0832BN6	Screw, Machine		A-2537		1													
20	SCFP0348BN5	Screw, Machine		A-2575		20													
8	SCFP1032BN8	Screw, Machine		A-2574		4													
		Screw, Self Threading		A-2575		4													
4	SFB0256SN3	Screw, Self Threading		A-2574		4													
1	TE-102-1	Terminal, Turret		A-2537		1													
3	TE-104-1	Terminal, Lug, #4		A-2537		3													
6	TE-109-1	Terminal, Stud		A-2413-3		6													
4	TE-117-1	Spacer, Plain		A-2574		4													
3	TE-117-28	Spacer, Plain		A-2574		3													
1	TE-149-120	Terminal, Lug, #4		A-2537		1													
2	TE-149-144	Terminal, Lug, #6		A-2537		2													
6	TE-164-1	Spacer, Rivet Type		A-2413-3		4													
				A-2414-3		2													
78	TE-168-4B	Terminal, Stud, Miniature		A-2413-3		32													
				A-2414-3		26													
				PX-635-1		20													
1	TE-169-1	Terminal, Feedthru		A-2537		1													

THE TECHNICAL MATERIEL CORPORATION

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MATERIAL LIST		REV.	B	C	D	E										MODEL	HNF-1	
															SHEET	11	OF	15
QUAN. PER UNIT	PART NO.	DESCRIPTION RAW MATERIALS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS											
				USED ON	USED TO MOUNT	QUAN.												
	BS-100	Solder, Soft																
	CD-101-1-MW	Cord, Lacing	Black	CA-698														
	GL-102	Lacquer, Q-Max		AC-149														
				AC-150														
				TT-170														
				TT-171														
				TT-172														
	GL-103	Cement, Duco		AC-149														
				AC-150														
				TT-170														
				TT-171														
				TT-172														
	GL128-0	POTTING COMP		TZ107														
18	LA-101	Marker, Wire, 2 ea. of #1,2,4, thru 10	2 of each	CA-698		18												
	GL129	ADHESIVE		TZ107														
3-4	MWC22(7)U2	Wire, Electrical	Red	CA-698		3-4												
0-9	PX-100-1-.106	Sleeving, Size 10	Black	A-2537		0-1												
0-1	PX-100-1-.133	Sleeving, Size 8	Black	CA-698		0-8												
0-1	PX-100-1-.186	Sleeving, Size 5	Black	A-2537		0-1												
2-0	PX-104-1-.034	Sleeving, Size 20	Black	A-2537		0-1												
				A-2413-4		0-8												
				A-2414-4		0-6												
				A-2537		0-8												
				A-2574		0-2												
1-3	PX-104-2-.034	Sleeving, Size 20	Yellow	A-2413-4		0-5												
				A-2414-4		0-9												
				A-2537		0-1												
1-7	PX-104-3-.034	Sleeving, Size 20	Red	A-2413-4		0-10												
				A-2414-4		0-9												
1-1	PX-104-4-.034	Sleeving, Size 20	Green	A-2414-4		0-4												
				A-2537		0-8												
				A-2574		0-1												

MATERIAL LIST		REV.	B	C	D	E											MODEL	HNF-1	
																SHEET	12	OF	15
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
		RAW MATERIALS																	
1-8	PX-104-5-.034	Sleeving, Size 20	Brown	A-2537		1-8													
0-10	PX-104-6-.034	Sleeving, Size 20	Blue	A-2537		0-10													
0-9	PX-104-8-.034	Sleeving, Size 20	Orange	A-2413-4 A-2414-4		0-6 0-3													
5-7	RG-174/U	Cable, Coaxial	Black	CA-351 CA-480		2-7 3-0													
	WI-104-541-SCQS WI-104-1243-SCQS	Wire, Litz Wire, Litz		TT-170 AC-149 TT-171 TT-172															
	WI-107-19	Wire, Magnet, Size 38		AC-150 TT-171															
12-6	WL-100-6	Wire, Buss, Size #20		A-2413-4 A-2414-4 A-2537 A-2574		4-6 3-6 4-0 0-6													
	WI122-27 WI122-31	Wire, EL, Mag, T Wire, EL, Mag, T		TZ107 TZ107															

MATERIAL LIST		REV.	B	C	D	E											MODEL	HNF-1		
												SHEET	13	OF	15					
QUAN. PER UNIT	PART NO.	DESCRIPTION	SUPPORTING DRAWINGS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
					USED ON	USED TO MOUNT	QUAN.													
1	A-2413-4	Final Assembly, Terminal Board																		
1	A-2414-4	Final Assembly, Terminal Board																		
1	A-2537	Main Chassis Assembly																		
1	A-2574	Front Panel Assembly																		
1	A-2575	Final Assembly, HNF-1																		
5	A-3029-1	Can Assembly																		
	A-3633	TZ107 Assy																		
1	AC-149 (2A-2350)	Coil, RF, Tuned																		
1	AC-150 (2A-2351)	Coil, RF, Tuned																		
1	CA-351-6.25	Cable Assembly, RF																		
1	CA-351-6.50	Cable Assembly, RF																		
1	CA-351-18.25	Cable Assembly, RF																		
1	CA-480-14-17.50	Cable Assembly, RF																		
1	CA-480-14-17.75	Cable Assembly, RF																		
1	CA-698	Wiring Harness, Main																		
1	CH-220	Chart, Resistance																		
1	CH-221	Chart, Voltage																		
1	CH-240	Chart, Unit Breakdown																		
1	CK-575	Diagram, Schematic																		
1	CK-579	Diagram, Block																		
1	LD-1061 (Sheet 1)	Engraving, & Lettering, Front Panel																		
1	LD-1061 (Sheet 2)	Engraving, & Lettering, Front Panel																		

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	B	C	D	E											MODEL	HNF-1	
																SHEET	14	OF	15
QUAN. PER UNIT	PART NO.	DESCRIPTION	SUPPORTING DRAWINGS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS											
					USED ON	USED TO MOUNT	QUAN.												
1	LD-1065	Lettering, Rear Panel		MS-2914	A-2575		1												
1	LD-1066	Lettering, Main Chassis		MS-2868	A-2537		1												
1	TT-170 (2A-2347)	Transformer, RF, Tuned			A-2537		1	T4003											
1	TT-171 (2A-2348)	Transformer, RF, Tuned			A-2537		1	T4005											
1	TT-172 (2A-2349)	Transformer, RF, Tuned			A-2537		1	T4004											

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST

REV.

B C D E

MODEL HNF-1

SHEET 15 OF 15

QUAN. PER UNIT	PART NO.	DESCRIPTION SPECIFICATIONS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
	S-114	Zinc Chromate Primer		MS-2716			
	S-115	Smooth Gray Enamel		MS-2716			
	S-404	Yellow Iridite		All Metal			
	S-667	Test Procedure					

