

PART LIST FOR COBRA MARINE RADIO MRF75

Level	Item	Description	Qty	LOCATION
Parent	MRF75	COBRA MARINE RADIO 25W LCD DISPLAY		
1	MRF75B	BASE UNIT (ALL)	1	
0.2	MRF75BC	BASE CASING (ALL)	1	
..3	MRF75BCXXX	BASE CASING COMMON	1	
...4	KEIC-H11A817C	IC H11A817C QT	1	IC109
...4	KEJW-FC154	HOUSING CABLE 5PIN 130mm	1	
...4	KEJW-FC155	HOUSING CABLE 3PIN 80mm	1	
...4	KEL-105TA-8	COIL FIXED LAM2NA 1uH 5%	1	R104
...4	KEM-P10352-01	FRONT PANEL	1	
...4	KEM-P10363	DISTRESS (MRF75)	1	
...4	KEOE-OT483	DC POWER CORD WITH 10A FUSE	1	
...4	KER-100EBB	RES C-FILM 1W 5% S 10	1	R190
...4	KER-103DBB	RES C-FILM 1/2W 5% S 10K	1	R100
0.2	MRF75B1	MAIN PCB	1	
..3	MRF75B1XXX	MAIN PCB COMMON	1	
...4	KEC-E105HRMU	CAP. ELECT. 50V M% 1UF	1	C239
...4	KEC-E106ERMU	CAP. ELECT. 16V M% 10UF	7	C124, C197, C238, C241, C263, C302, C258
...4	KEC-E107ERMU	CAP. ELECT. 16V M% 100UF	1	C119
...4	KEC-E108FRMU	CAP. ELECT. 25V M% 1000UF	2	C267, C269
...4	KEC-E227ERMU	CAP. ELECT. 16V M% 220UF	3	C236, C240, C116
...4	KEC-E475ERMU	CAP. ELECT. 16V M% 4.7UF	1	C304
...4	KEC-E476ERMU	CAP. ELECT. 16V M% 47UF	7	C172, C210, C231, C232, C233, C235, C114
...4	KEC-TR005	CAP. TRIMMER TZ03Z100ER 10PF	1	VC100
...4	KEC-180FRJNPOT	CAP. CER. 50V CH J% 18PF	1	C122
...4	KEC-209FRCNPOT	CAP. CER. 50V CH C% 2PF	1	C106
...4	KEC-220FRJNPOT	CAP. CER. 50V CH J% 22PF	1	C104
...4	KEC-221FRJNPOT	CAP. CER. 50V CH J% 220PF	1	C105
...4	KEC-270FRJNPOT	CAP. CER. 50V CH J% 27PF	1	C102
...4	KEC-330FRJNPOT	CAP. CER. 50V CH J% 33PF	2	C100, C103
...4	KECF-0182	FILTER CRYSTAL 21.4MHZ UM-1-21	1	CF100
...4	KECF-0183	FILTER CERAMIC 450KHZ LT450EW +/-7.5KHZ	1	CF101
...4	KED-UM9415	DIODE MSD DO-34 SWITCHING	1	D100
...4	KED-4004-B	DIODE 1N4004 A-TECH	1	D109

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...4	KEFB-026	FERRIFE BEAD 3.5X5X0.8 BLACK	1	L105
...4	KEI-212SJ	IFT 150MHZ 5X5X7MM	1	L115
...4	KEI-237LH	IFT 450KHz 180PF K5M4A1573R LIK HANG	1	L123
...4	KEI-246LH	IFT 7X7MM 160MHZ KS2466NS WHITE	2	L116, L119
...4	KEI-247LH	IFT 7X7MM 160MHZ KS2467NS WHITE	2	L117, L120
...4	KEIC-KA7805	IC KA7805 5V REGULATOR	1	IC111
...4	KEIC-KP4010	IC KP4010 PHOTO COUPLE	1	IC109
...4	KEIC-RA35HI 1516	35 WATT RF POWER MODULE 160MH Z	1	IC110
...4	KEIC-TDA2003V	IC TDA2003V 10W AUDIO AMP	1	IC106
...4	KEJ-010	ANTENNA RECEPTACLE 89713-0013	1	J100
...4	KEJ-427	PHONE JACK STEREO ST010 KODY	1	J101
...4	KEJ-428	PHONE JACK MONO ST002 KODY	1	J105
...4	KEL-S001-1	COIL SPRING 8.5X6X0.8	1	L104
...4	KEL-S062-1	SPRING COIL 0.5-2.9-8.5T CORE	1	L118
...4	KEL-S134	COIL SPRING 3.5X0.8X5	4	L100, L101, L102, L107
...4	KEL-S135	COIL SPRING 6.0X0.8X2.5	1	L103
...4	KEL-100MA-2	COIL CHOKE AXIAL TYPE 10UH	1	L300
...4	KEL-128TA-8	COIL FIXED LAMINA 0.12UH 10%	1	L122
...4	KER-103KVSF637A	RES. SEMI. KVSF637A 10K	4	VR101, VR103, VR104, VR105
...4	KER-104KVSF637A	RES. SEMI. KVSF637A 100K	1	VR100
...4	KER-150EBB	RES C-FILM 1W 5% S 15	1	R189
...4	KER-203KVSF637A	RES. SEMI. KVSF637A 20K	1	VR108
...4	KER-203RD901	ROTARY VOLUME B20K WATERPROOF ALPHA	1	VR106
...4	KER-471DBB	RES. C-FILM 1/2W 5% S 470	2	R101, R215
...4	KER-502KVSF637A	RES. SEMI. KVSF637A 5K OHM KOA	1	VR102
...4	KERY-023-A	RELAY HJR1-2C L-05VDC TIAN BO	1	RLY100
...4	KESW-140	ROTARY ENCODER WITH SW RE111-41B3-18K-20P-	1	K300
...4	KET-KSA733C-G	TRANSISTOR PNP TR KSA733C-G	3	Q120, Q122, Q133
...4	KET-KTA1276Y	TRANSISTOR PNP KTA1276Y	2	Q108, Q124
...4	KETR-011-1	TRANSFORMER CHOKE ETM511-96	1	L124
...4	KEX-C069-1	RESONATOR ZTT3.58MGW 3.58MHz 0.5%	1	X101
...4	KEX-0366-B	CRYSTAL 20.95MHZ LC=15PF UM1 ZHENFENG	1	X100
...4	KEX-0388	CRYSTAL 8MHz HC-49/U	1	X300

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Level	Item	Description	Qty	LOCATION
...4	MRF75B1S	MAIN PCB SMT COMMON	1	
....5	KCC-T105EAM	CAP. TANT. CHIP 16V M% 1uF	1	C150
....5	KCC-100FRJNPOB	CAP. CER. CHIP 50V CH J% 10PF	4	C216, C137, C179, C149
....5	KCC-102FRKBB	CAP. CER. CHIP 50V B K% 0.001UF	22	C254, C111, C113, C115, C120, C125, C127, C128, C145, C146 C147, C171, C187, C217, C207, C191, C193, C199, C227, C228 C310, C188
....5	KCC-103FRKBB	CAP. CER. CHIP 50V B K% 0.01UF	21	C129, C138, C141, C160, C169, C173, C174, C192, C200, C218 C153, C222, C223, C234, C237, C242, C253, C305, C313, C316 C130
....5	KCC-104DRKBB	CAP. CER. CHIP 16V B K% 0.1uF	34	C259, C126, C101, C112, C139, C148, C194, C195, C196, C198 C201, C205, C206, C213, C219, C209, C211, C212, C221, C229 C243, C256, C262, C266, C268, C303, C308, C152, C315, C317 C318, C319, C320, C257
....5	KCC-105BRZFB	CAP. CER. CHIP 10V Y5V Z% 1UF	3	C248, C252, C255
....5	KCC-109FRCNPOE	CAP. CER. CHIP 50V CH C% 1PF	1	C183
....5	KCC-120FRJNPOB	CAP. CER. CHIP 50V CH J% 12PF	1	C167
....5	KCC-122FRKBB	CAP. CER. CHIP 50V B K% 0.0012UF	1	C311
....5	KCC-150FRJNPOB	CAP. CER. CHIP 50V CH J% 15PF	3	C157, C180, C215
....5	KCC-153FRKBB	CAP. CER. CHIP 50V B K% 0.015UF	1	C230
....5	KCC-182FRKBB	CAP. CER. CHIP 50V B K% 0.0018UF	1	C309
....5	KCC-209FRCNPOB	CAP. CER. CHIP 50V CH C% 2PF	1	C161
....5	KCC-209FRCNPOE	CAP. CER. CHIP 50V CH C% 2PF	3	C175, C168, C134
....5	KCC-220FRJNPOB	CAP. CER. CHIP 50V CH J% 22PF	2	C155, C214
....5	KCC-221FRJNPOB	CAP. CER. CHIP 50V NPO J% 220PF	2	C260, C261
....5	KCC-222FRKBB	CAP. CER. CHIP 50V B K% 0.0022UF	1	C245
....5	KCC-223DRKBB	CAP. CER. CHIP 16V B K% 0.022uF	1	C123
....5	KCC-223ERKBB	CAP. CER. CHIP 25V K% 22NF	1	C151
....5	KCC-224DRZFB	CAP. CER. CHIP 16V F Z% 0.22UF	2	C250, C251
....5	KCC-240FRJNPOB	CAP. CER. CHIP 50V CH J% 24PF	2	C182, C142
....5	KCC-270FRJNPOB	CAP. CER. CHIP 50V CH J% 27PF	1	C300
....5	KCC-271FRJNPOB	CAP. CER. CHIP 50V CH J% 270PF	1	C244
....5	KCC-309FRCNPOE	CAP. CER. CHIP 50V CH C% 3PF	1	C163
....5	KCC-330FRJNPOB	CAP. CER. CHIP 50V CH J% 33PF	3	C301, C140, C117

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....5	KCC-369FRCNPOE	CAP. CER. CHIP 50V CH C% 3.6PF	4	C177, C178, C165, C166
....5	KCC-470FRJNPOB	CAP. CER. CHIP 50V CH J% 47PF	3	C143, C158, C159
....5	KCC-471FRJNPOB	CAP. CER. CHIP 50V CH J% 470PF	3	C131, C154, C133
....5	KCC-509FRCNPOE	CAP. CER. CHIP 50V CH C% 5PF	2	C204, C162
....5	KCC-561FRKBB	CAP. CER. CHIP 50V B K% 560PF	1	C312
....5	KCC-680FRJNPOB	CAP. CER. CHIP 50V CH J% 68PF	1	C144
....5	KCC-681FRJNPOB	CAP. CER. CHIP 50V CH J% 680PF	1	C246
....5	KCC-809FRDNPOE	CAP. CER. CHIP 50V CH D% 8PF	2	C156, C186
....5	KCC-821FRKBB	CAP. CER. CHIP 50V B K% 820PF	1	C247
....5	KCD-BAS85	BAS85 SCHOTTKY BARRIER DIODE SOD80C	1	D102
....5	KCD-KDS160	DIODE CHIP KDS160 KEC	8	D112, D104, D105, D108, D110, D113, D114, D111
....5	KCD-KDS184	DIODE SWITCH KDS184 SOT-23	1	D300
....5	KCD-KDS226	DIODE SWITCHING SOT-23 PACKAGEKDS226	1	D103
....5	KCD-KDV251S	DIODE VARICAP CHIP KDV251S 12V	1	VD100
....5	KCL-101MU-1	INDUCTOR CHIP 100NH +-5% LQG11AR10J00T	1	L106
....5	KCL-222TD	INDUCTOR CHIP 2.2UH	2	L114, L121
....5	KCR-000B	RES. CHIP 1/16W 0 OHM	3	R334, R357, R323
....5	KCR-100B	RES. CHIP 1/16W 10	7	R111, R128, R142, R143, R165, R173, R175
....5	KCR-101B	RES. CHIP 1/16W 100	9	R135, R148, R176, R216, R217, R218, R304, R368, R369
....5	KCR-102B	RES. CHIP 1/16W 1K	6	R104, R136, R161, R169, R321, R117
....5	KCR-103B	RES. CHIP 1/16W 10K	45	R152, R160, R222, R223, R140, R351, R352, R353, R354, R229
				R230, R371, R300, R301, R114, R115, R126, R130, R170, R177
				R181, R182, R185, R186, R208, R219, R226, R227, R228, R302
				R303, R316, R322, R324, R335, R336, R341, R361, R118, R239
				R241, R240, R131, R231, R350
....5	KCR-104B	RES. CHIP 1/16W 100K	9	R134, R178, R184, R210, R221, R325, R358, R155, R343
....5	KCR-105B	RES. CHIP 1/16W 1M	2	R153, R163
....5	KCR-121B	RES. CHIP 1/16W 120	1	R133
....5	KCR-123B	RES. CHIP 1/16W 12K	1	R201
....5	KCR-124B	RES. CHIP 1/16W 120K	1	R168
....5	KCR-134B	RES. CHIP 1/16W 130K	1	R154
....5	KCR-152B	RES. CHIP 1/16W 1.5K	3	R110, R149, R120
....5	KCR-153B	RES. CHIP 1/16W 15K	3	R147, R145, R158

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....5	KCR-154B	RES. CHIP 1/16W 150K	1	R109
....5	KCR-155B	RES. CHIP 1/16W 1.5M	1	R156
....5	KCR-164B	RES. CHIP 1/16W 160K	1	R365
....5	KCR-182B	RES. CHIP 1/16W 1.8K	1	R103
....5	KCR-203B	RES. CHIP 1/16W 20K	1	R362
....5	KCR-220B	RES. CHIP 1/16W 22	1	R121
....5	KCR-221B	RES. CHIP 1/16W 220	7	R146, R151, R204, R337, R209, R238, R141
....5	KCR-222B	RES. CHIP 1/16W 2.2K	10	R205, R242, R214, R330, R331, R332, R333, R122, R347, R112
....5	KCR-223B	RES. CHIP 1/16W 22K	4	R108, R359, R106, R339
....5	KCR-224B	RES. CHIP 1/16W 220K	3	R202, R326, R360
....5	KCR-229B	RES. CHIP 1/16W 2R2 0603	1	R187
....5	KCR-271B	RES. CHIP 1/16W 270	1	R172
....5	KCR-274B	RES. CHIP 1/16W 270K	1	R150
....5	KCR-331B	RES. CHIP 1/16W 330	4	R119, R191, R174, R138
....5	KCR-332B	RES. CHIP 1/16W 3.3K	4	R188, R220, R129, R348
....5	KCR-333B	RES. CHIP 1/16W 33K	3	R171, R206, R139
....5	KCR-334B	RES. CHIP 1/16W 330K	1	R366
....5	KCR-393B	RES. CHIP 1/16W 39K	1	R363
....5	KCR-470B	RES. CHIP 1/16W 47R	2	R105, R123
....5	KCR-472B	RES. CHIP 1/16W 4.7K	6	R124, R127, R328, R329, R167, R237
....5	KCR-473B	RES. CHIP 1/16W 47K	10	R113, R132, R159, R164, R180, R196, R199, R200, R203, R213
....5	KCR-474B	RES. CHIP 1/16W 470K	2	R338, R166
....5	KCR-563B	RES. CHIP 1/16W 56K	1	R183
....5	KCR-682B	RES. CHIP 1/16W 6.8K	4	R355, R107, R197, R349
....5	KCR-683B	RES. CHIP 1/16W 68K	7	R144, R179, R192, R193, R194, R195, R137
....5	KCR-684B	RES. CHIP 1/16W 680K	3	R327, R157, R162
....5	KCR-822B	RES. CHIP 1/16W 8.2K	1	R207
....5	KCR-823B	RES. CHIP 1/16W 82K	1	R364
....5	KCT-KTC3875S	TR. CHIP NPN KTC3875S(GR)	1	Q111
....5	KCT-KTC3875S	TR. CHIP NPN KTC3875S(GR)	22	Q132, Q125, Q126, Q308, Q309, Q310, Q311, Q105, Q109, Q117
				Q118, Q123, Q128, Q129, Q130, Q131, Q302, Q303, Q304, Q119
				Q134, Q135
....5	KCT-KTC3880S	TR. CHIP NPN KTC3880S SOT-23	1	Q116

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....5	KCT-2SC3607	TR. CHIP NPN 2SC3607-TE12R	1	Q110
....5	KCT-2SC4226	TR. CHIP NPN 2SC4226	5	Q112, Q113, Q114, Q115, Q127
....5	KEIC-AT24C04	IC AT24C04N-10SI -2.7 EEPROM 4K	1	IC201
....5	KEIC-HT9032D	IC DSC DECODER HT9032D	1	IC103
....5	KEIC-KA358D	IC KA358D LOW POWER DUAL OP. AMP. SOP	1	IC112
....5	KEIC-KIA78L05F	IC KIA78L05F REGULATOR SOT-89	1	IC108
....5	KEIC-LM324D-A	IC LM324D 14SOP ON	2	IC101, IC107
....5	KEIC-NJM567M	IC TONE DECODER NJM567M	1	IC105
....5	KEIC-SL5019	IC SL5019 1F SYSTEM	1	IC104
....5	KEIC-TB31202FN	IC TB31202FN PLL	1	IC100
....5	KEIC-TMP86PM47U	MCU OTP TMP86PM47U P-LQFP44	1	IC300
0.2	MRF75B2	LCD PCB ALL	1	
..3	MRF75B2XXX	LCD PCB COMMON	1	
...4	KED-LC050	LCD DISPLAY 60X45MM MRF75	1	LCD401
...4	KED-LP10A3-UDC1	LED BACKLIGHT LP10A3-UDC1-S80 AMBER	1	LED310
...4	KEJW-FC150	FLAT CABLE 12PINS	1	J401
...4	KEJW-FC151	FLAT HEAT SEAL PAPER K&K 11105580-10KN	1	
...4	MRF75B2S	LCD PCB SMT COMMON	1	
....5	KCC-T105EAM	CAP. TANT. CHIP 16V M% 1uF	2	C403, C406
....5	KCC-T106CAM	CAP. TANT. CHIP 6.3V M% 10UF	1	C402
....5	KCC-T335KAM	CAP. TANT. CHIP 4V M% 3.3uF	1	C405
....5	KCC-104DRKBB	CAP. CER. CHIP 16V B K% 0.1uF	1	C401
....5	KCC-474BRZFB	CAP. CER. CHIP 10V F Z% 0.47UF	4	C407, C408, C409, C410
....5	KCD-L23A-LT	DIODE LED CHIP AMBER LT8BA2-U R-191T	6	LED300, LED301, LED302, LED303, LED304, LED305
....5	KCR-000B	RES. CHIP 1/16W 0 OHM	2	R401, R414
....5	KCR-101B	RES. CHIP 1/16W 100	1	R342
....5	KCR-102B	RES. CHIP 1/16W 1K	1	
....5	KCR-103B	RES. CHIP 1/16W 10K	4	R344, R413, R319, R320
....5	KCR-201B	RES. CHIP 1/16W 200	4	R372, R373, R374, R377
....5	KCR-221D	RES. CHIP 1/4W 220	1	R317
....5	KCR-331B	RES. CHIP 1/16W 330	2	R375, R376
....5	KCR-472B	RES. CHIP 1/16W 4.7K	6	R405, R406, R407, R408, R409, R410
....5	KCR-680D	RES CHIP 1/4W 68 5% 1206	3	R346, R345, R318

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....5	KCT-KTA1504S	TR. CHIP PNP KTA1504S S0T-23	1	Q305
....5	KCT-KTC3875S	TR. CHIP NPN KTC3875S(GR)	2	Q301, Q300
....5	KEIC-EPL65132	IC LCD DRIVER EPL65132 DIE CHIP	1	IC401
....5	KEPC-759-A	PCB LCD DS FR4 FOR MRF75 1.6MM	1	
0.2	MRF75B3	MIC UNIT ALL	1	
..3	MRF75B3XXX	MIC UNIT PCBA COMMON ALL	1	
...4	KEJ-411	MIC PLUG 6PIN FOR COBRA	1	
...4	KEJ-429	CONNECTOR 6PIN MALE JACK PLT-166-RL11	1	
...4	KEPC-779-A	PCB FOR PTT SS 1MM 94V0	1	
...4	KESP-184	SPEAKER 160HM 36MM DIA	1	SP600
...4	KESP-184	SPEAKER 160HM 36MM DIA	1	
...4	KESP-186	MIC NOISE CANCELLING EM9752N-54	1	MIC600
...4	KESW-141	TACT SWITCH TC-0010 X=3.8MM	1	
...4	KETC-130	CURL CORD FOR MRF75155	1	
...4	MRF75B3SB	MIC UNIT ALL BOTTOM	1	
....5	KCD-L23A-LT	DIODE LED CHIP AMBER LT8BA2-U R-191T	2	LED600, LED601
....5	KCR-100B	RES. CHIP 1/16W 10	3	R307, R370, R608
....5	KCR-101B	RES. CHIP 1/16W 100	5	R304, R368, R369, R603, R605
....5	KCR-102B	RES. CHIP 1/16W 1K	5	R305, R309, R310, R313, R604
....5	KCR-201B	RES. CHIP 1/16W 200	2	R367, R601
....5	KCR-202B	RES. CHIP 1/16W 2K	1	R602
....5	KCR-220B	RES. CHIP 1/16W 22	1	R312
....5	KCR-241B	RES. CHIP 1/16W 2400HM	3	R308, R315, R607
....5	KCR-471B	RES. CHIP 1/16W 470	2	R610, R611
....5	KCR-512B	RES. CHIP 1/16W 5.1K	2	R311, R600
....5	KCR-561B	RES. CHIP 1/16W 560	3	R306, R314, R606
....5	KEPC-777-A	PCB FOR CH UP/DN SS 1MM 94V0	1	
....5	KEPC-778-A	PCB FOR VOL UP/DN SS 1MM 94V0	1	

END.....