



Approval Specification for Cofan Part # 11-1014 Rev 01

75W TEC Assembly, 12V, 220x120x130mm

Revision Date: Nov 29, 2007

Cofan USA, 46177 Warm Springs Blvd Fremont, CA 94539 www.cofan-usa.com (800) 766-6097

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COOLER SPECIFICATIONS:
 VOLTAGE: 12 VDC, 15.4 VDC Max
 CURRENT DRAW: 8.2A @ 12 VDC, NORMAL OPERATING CONDITIONS
 9.5A @ 12 VDC, STARTUP
 TEC COOLING POWER: 2x 37.5W @ 12V, 3.9A
 INPUT POWER: 101.3W
 MAX TEMP HOT SIDE: 65°C
 WEIGHT: 1.9 Kg
 OPERATING TEMPERATURE: 0°C TO 55°C
 *ABOVE PARAMETERS ARE ±10%

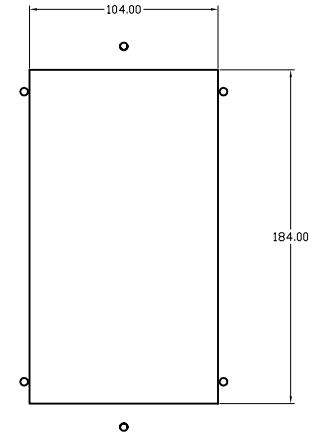
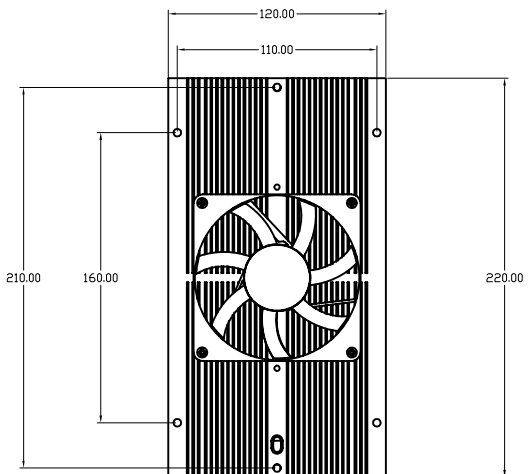
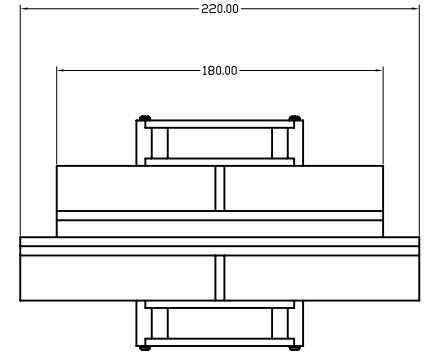
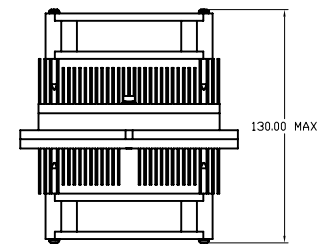
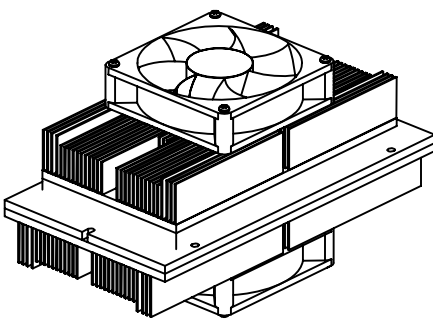
FANS
 COLD SIDE FAN: F-9225HI2BI, 2800 RPM, 0.32A
 HOT SIDE FAN: F-9225HI2BI, 2800 RPM, 0.32A

HEATSINK MATERIAL: AL6063
HEATSINK FINISH: BLACK ANODIZE

WIRE CONFIGURATION: FANS WIRED IN PARALLEL AND LEFT UNTERMINATED.
 CUSTOM WIRE CONFIGURATIONS AVAILABLE

CUSTOM HEATSINKS AVAILABLE
 FOR MORE INFORMATION CONTACT: INFO@COFAN-USA.COM

REVISION HISTORY					
REV	DESCRIPTION	DRWN	CHK'D	APPVD	DATE
-	-	-	-	-	-



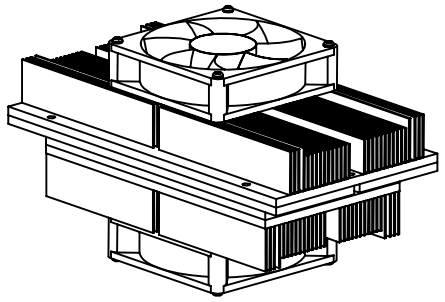
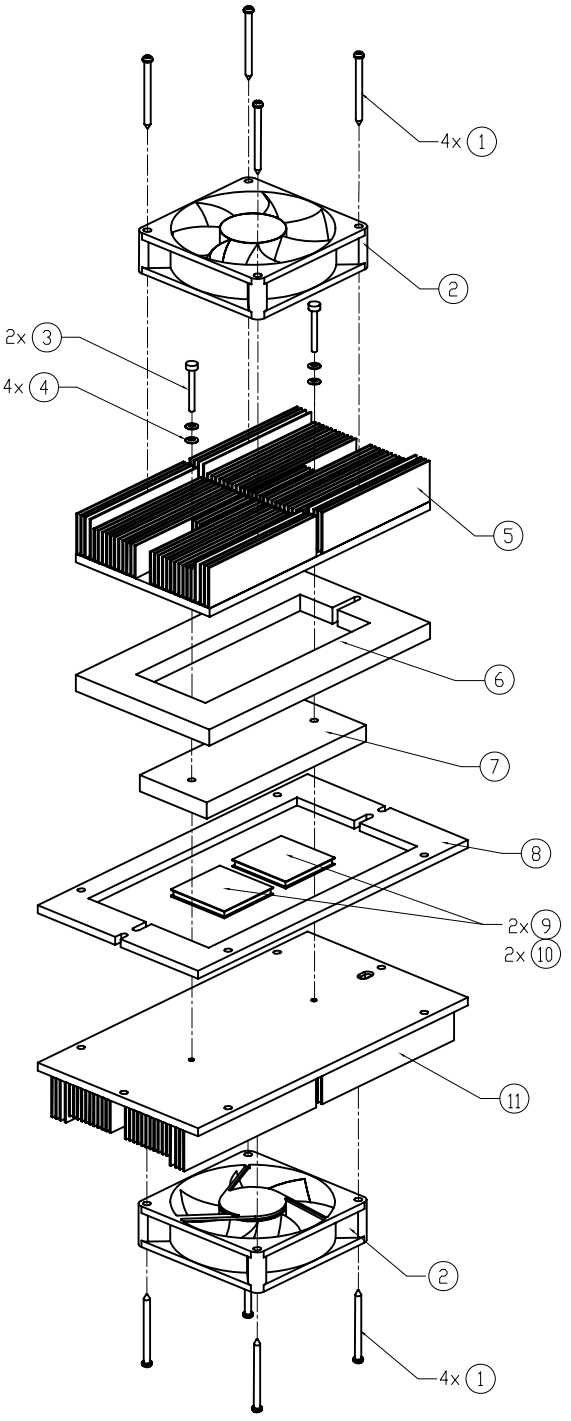
CUT OUT FOR MOUNTING

RoHS
 COMPLIANT
 2002/95/EC

DO NOT SCALE DRAWING		NAME:	DATE:	CUSTOMER DRAWING NUMBER:	COFAN USA <small>46177 VARN SPRING BLVD FREMONT CA 94539</small>		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRE TOLERANCES ARE:		DRAWN BY:	Mark.S	11/29/07	CUSTOMER PART NUMBER:	NAME: Air to Air Cooler, 75W, 12V, 9.5A MAX	
1 PLACE .X	± 0.25	CHECKED BY:			CUSTOMER PART NUMBER:	NAME: [-----]	
2 PLACE .XX	± 0.13	CHECKED BY:			COFAN DRAWING NUMBER:	SCALE:	CUS REV:
3 PLACE .XXX	± 0.08	CHECKED BY:			11-1014	NONE	-
ANGLES EXCEPT 90°	± 0.5°	APPR BY:			COFAN PART NUMBER:	SHEET:	DATE DRAWN:
MAXIMUM SURFACE ROUGHNESS	6.3				11-1014	1 OF 2	11/29/07

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REVISION HISTORY					
REV	DESCRIPTION	DRWN	CHK'D	APPVD	DATE
-	-	-	-	-	-



ITEM	DESCRIPTION	PART NUMBER	MATERIAL/FINISH	QTY
①	M3.5x42 FAN SCREW, PHIL	60-1210 REV 01	STEEL / BLACK ZINC	8
②	92x25mm 12v DC FAN	F-9225H12BI	-	2
③	M3 MOUNTING SCREW	60-1211 REV 01	SS304 / DEGREASE	2
④	BELLEVILLE WASHER	50-1104 REV 01	SS / DEGREASE	4
⑤	COLD SIDE HEATSINK	20-1754 REV 01	AL6063 / BLACK ANODIZE	1
⑥	BLACK GASKET 02, PSA	50-1329 REV 01	SB AGP 200 OR EQUIV	1
⑦	SPACER BLOCK	20-1755 REV 01	AL6063 / BLACK ANODIZE	1
⑧	RED GASKET 01, PSA	50-1328 REV 01	SB R10480 OR EQUIV	1
⑨	TEC, 12V, 15.4V MAX, 49W @ 5A MAX, 40x40x4.0mm	10-1010 REV 01	-	2
⑩	THERMAL GREASE, STARS 801	70-1101 REV 01	-	1
⑪	HOT SIDE HEATSINK	20-1753 REV 01	AL6063 / BLACK ANODIZE	1

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MAXIMUM SURFACE ROUGHNESS	6.3				11-1014	NONE	-	01
					CUSTOMER PART NUMBER:	SHEET:		DATE DRAWN:
					11-1014	2 OF 2		11/29/07

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