

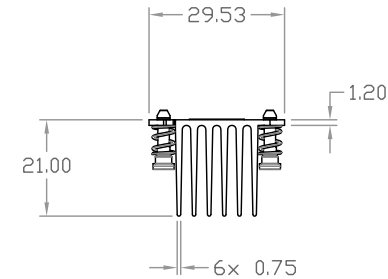
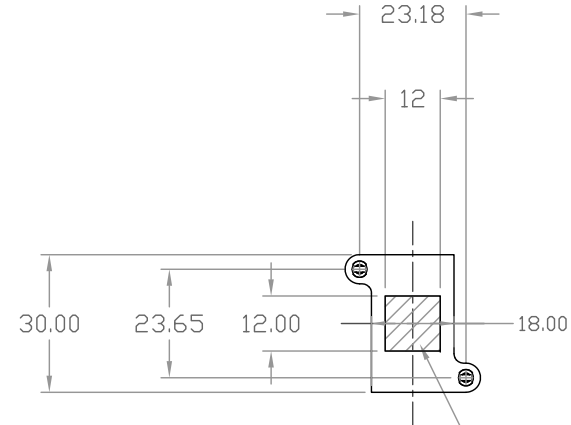
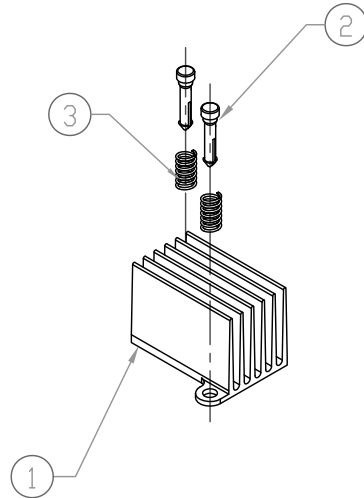
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REVISION HISTORY					
REV	DESCRIPTION	DRWN	CHK'D	APP'VD	DATE
01	INITIAL RELEASE	Along	-	-	1-29-2024

9.55 - Working Length of Pin
0.60 - Package
1.20 - Heatsink Thickness
1.57 - PCB Thickness
0.13 - Thermal Interface Material
6.05 - Compressed Spring

1.20 - Spring Deflection Length
7.25 - Spring Length uncompressed
2.97 - Spring Length fully compressed

22.8 Lbs/Inch - Spring Rate
1.2 = .047" x 22.8 = 1.08 lbs/spring
1.08 x 2 = 2.16 Lbs for 2 springs combined



Benjamin Finn
Cofan Thermal
46177 Warm Springs Blvd
Fremont, CA 94539
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Office (800) 766-6097
Cell: (510) 200-6296

APPROX THERMAL RESISTANCE:

0 LFM = 27.90 C/W
100 LFM = 10.71 C/W
200 LFM = 7.02 C/W
400 LFM = 4.77 C/W
800 LFM = 3.35 C/W

RoHS
COMPLIANT

④	Pad	70-xxxx-01	--	12 x 12 x 0.13mm TPCM 5.0	1
③	Spring	50-1952-02	56.XX.XXXXX	Sus304 / Zinc Plated	2
②	Brass Pin	50-1031-01	56.02.00005	Brass 360 / Passivation	2
①	Heat sink	20-9540-01	20.xx.xxxxxx	AL 6063-T5 / Black anodize	1
ITEM	DESCRIPTION	Cofan P/N	ERP P/N	MATERIAL/FINISH	QTY

DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETER TOLERANCES ARE: 1 PLACE .X ± 2 PLACE .XX ± 0.2 3 PLACE .XXX ± ANGLES EXCEPT 90° ± 0.5° MAXIMUM SURFACE ROUGHNESS 3.2 √	MATERIAL: See Note	CUSTOMER PART NUMBER: ----		COFAN USA 46177 WARM SPRINGS BLVD. FREMONT CA 94539	
	DRAWN BY: Ajje	COFAN_USA PART NUMBER: 30-5224-05		NAME: Heat sink assembly	
	CHECKED BY:	COFAN_CHINA PART NUMBER: 30.xx.xxxxxx		SCALE: 1:1	CUS REV: 01
	APPR BY: Ben	UNIT: mm	SHEET: 1 OF 1	DATE DRAWN: 02-01-2024	