

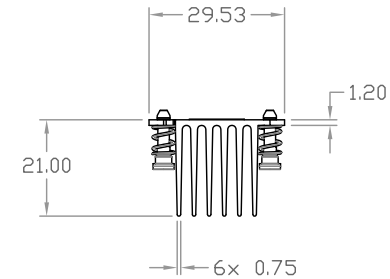
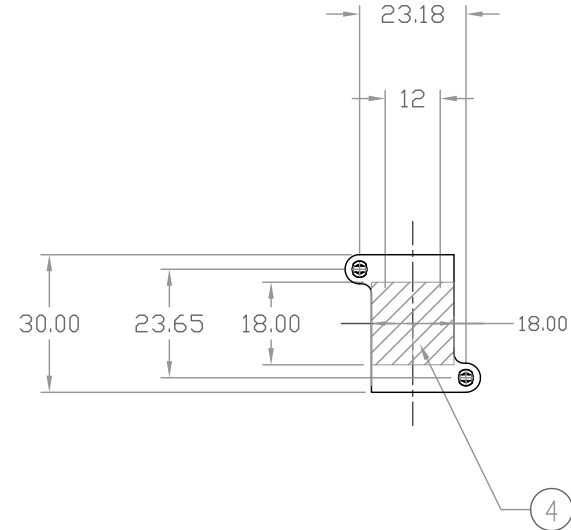
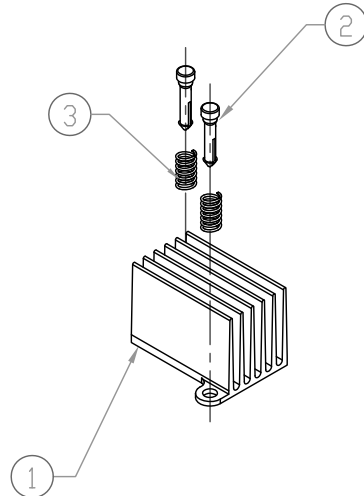
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REVISION HISTORY					
REV	DESCRIPTION	DRWN	CHK'D	APP'VD	DATE
01	INITIAL RELEASE	Along	-	-	1-22-2025

9.55 - Working Length of Pin
1.68 - Package
1.20 - Heatsink Thickness
1.70 - PCB Thickness
0.13 - Thermal Interface Material
4.84 - Compressed Spring
3.18 - Hole Dia. in PCB (+/- .03 tolerance)

1.51 - Spring Deflection Length
6.35 - Spring Length uncompressed
2.40 - Spring Length fully compressed

26.22 Lbs/Inch - Spring Rate
1.51 = .0594" x 26.22 = 1.56 lbs/spring
1.56 x 2 = 3.12 Lbs for 2 springs combined
18 x 18 = .50 in = 6.17 PSI



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

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Cofan Thermal
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RoHS
COMPLIANT

ITEM	DESCRIPTION	Cofan P/N	ERP P/N	MATERIAL/FINISH	QTY
④	Pad	70-xxxx-01	--	18 x 18 x 0.13mm TPCM 5.0	1
③	Spring	50-1397-01	56.XX.XXXXX	Stainless Steel / Zinc Plated	2
②	Brass Pin	50-1031-01	56.02.00005	Brass 360 / Passivation	2
①	Heat sink	20-9540-01	20.xx.xxxxx	AL 6063-T5 / Black anodize	1

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: 30-5224-06		NAME: Heat sink assembly	
	CHECKED BY:	COFAN_CHINA PART NUMBER: 30.xx.xxxxx		SCALE: 1:1	CUS REV: 01
	APPR BY: Ben	UNIT: mm	SHEET: 1 OF 1	DATE DRAWN: 1-22-2025	