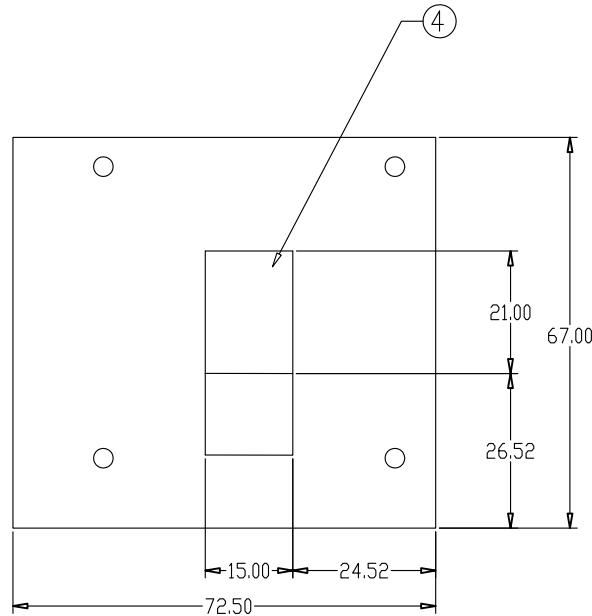
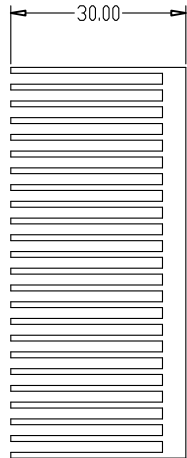


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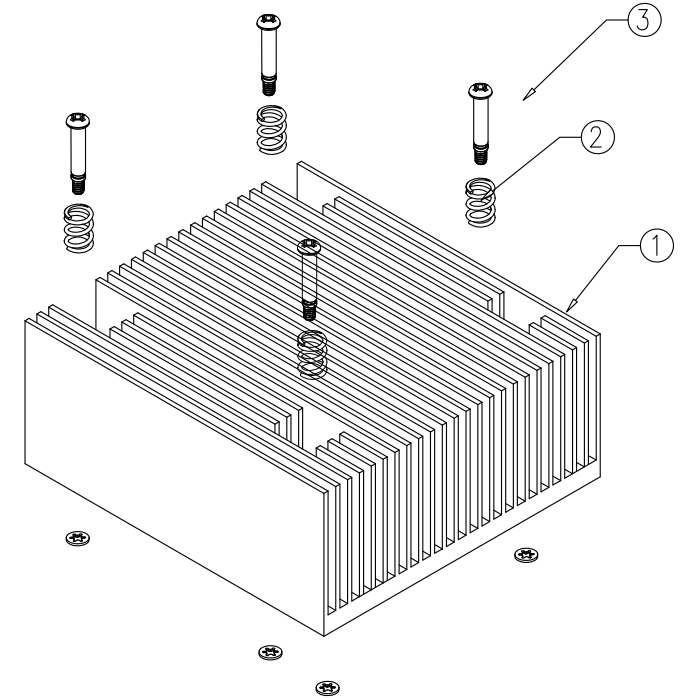
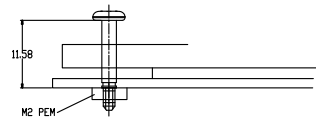
REVISION HISTORY

REV	DESCRIPTION	DRWN	CHK'D	APPVD	DATE
01	INITIAL RELEASE	Fred	-	--	2017-11-06
02	CHANGE BRASS PIN TO SCREW, CHANGE SPRING, ADD RETAINER, HOLE DIA AND CB IN HEATSINK	BEN	-	--	2018-8-27
03	Change PAD to Laird TPCM5125 from TPCM585	Ajie	-	--	2026-04-01



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

PCB THICKNESS: 1.60MM
CHIP HEIGHT: 1.83MM
HOLE DIA IN PCB: 3.20MM
HEATSINK: 3.50MM
SCREW: 11.58MM
SPRING: 4.65MM
SPRING RATE: 11.20 LBS/INCH
TOTAL FORCE: 7.41 LBS



5	SCREW RETAINER	50-1441 02	55.02.00287	POLYETHYLENE WASHER	4
4	THERMAL PAD	70-3497 Rev02	--	LAIRD TPCM 5125 / 21x15x0.13MM	1
3	SHOULDER SCREW, M2	60-6110 Rev02	60.01.00575	STAINLESS / DEGREASE	4
2	SPRING	50-1008 Rev01	56.01.00003	SPRING STEEL / DEGREASE	4
1	HEAT SINK	20-5410 Rev02	20.01.08180	AL 6063-T5 / BLACK ANODIZED	1
ITEM	TITLE	COFAN_USA PN	COFAN_CN PN	DESCRIPTION	QTY
DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRE TOLERANCES ARE:		MATERIAL: See Note	CUSTOMER PART NUMBER: --	COFAN USA 48664 MILMONT DRIVE, FREMONT, CA 94538	
1 PLACE .X	± 0.5	DRAWN BY: Fred	COFAN_USA PART NUMBER: 30-5638-12	NAME: HEATSINK	
2 PLACE .XX	± 0.25	CHECKED BY: Ajie	COFAN_CHINA PART NUMBER: --	SCALE: 1:1	CUS REV: --
3 PLACE .XXX	± 0.13	APPR BY: Ben	UNIT: mm	SHEET: 1 OF 1	COF REV: 03
ANGLES EXCEPT 90° MAXIMUM SURFACE ROUGHNESS	± 1° 3.2	DATE DRAWN: Apr-01-2026			

RoHS2
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2011/65/EU

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NOTES:

1. MATERIAL: AL6063-T5

2. FINISH: BLACK ANODIZE

3. DEBURR AND BREAK ALL SHARP EDGES..

4. $\triangle$ IS CRITICAL INSPECTION POINT. NUMBERING IN TRIANGLE IS TO BE USED FOR
CROSS REFERENCE OF INSPECTION REPORT TO DRAWING DIMENSION OR FEATURE.

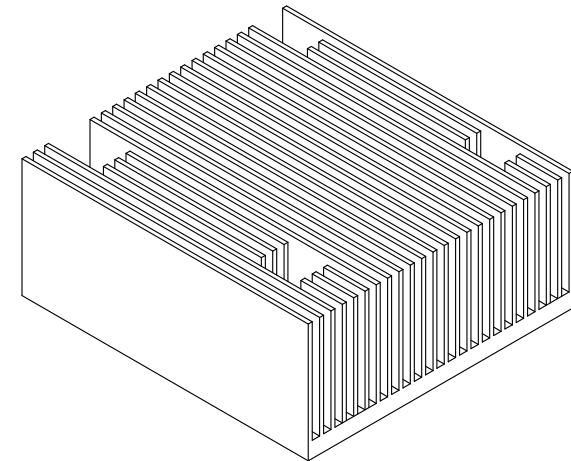
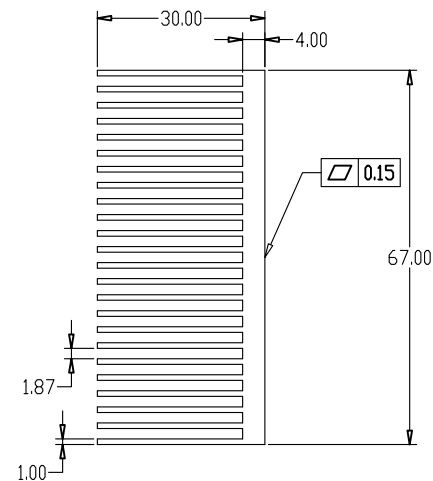
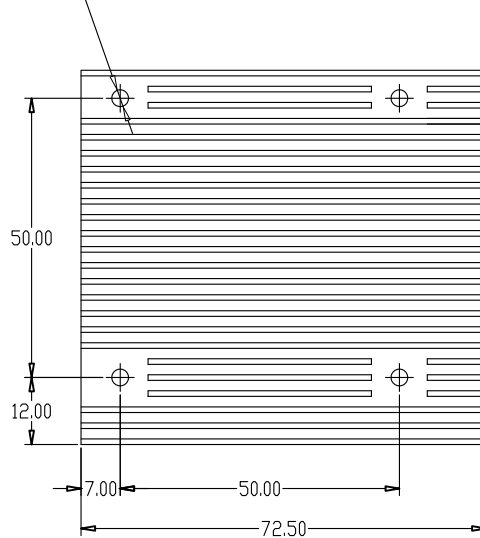
5. ALL DIMENSIONS TO INCLUDE APPLICABLE FINISH.

6. PART GROSS WEIGHT: 171.7 g/Pcs.

REVISION HISTORY					
REV	DESCRIPTION	DRWN	CHK'D	APP'VD	DATE
01	INITIAL RELEASE	Fred	-	--	2017-11-06
02	CHANGE HOLE DIA. TO 3.00	Ben	-	--	2018-08-27

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$\varnothing 4 \times \varnothing 3.00$ THRU



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DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRE TOLERANCES ARE: 1 PLACE .X ± 0.5 2 PLACE .XX ± 0.25 3 PLACE .XXX ± 0.13 ANGLES EXCEPT 90° ± 1° MAXIMUM SURFACE ROUGHNESS 3.2	MATERIAL: See Note	CUSTOMER PART NUMBER: --		COFAN USA 48664 MILMONT DRIVE, FREMONT, CA 94538	
	DRAWN BY: Fred	COFAN_USA PART NUMBER: 20-5410		NAME: HEAT SINK	
	CHECKED BY: Aje	COFAN_CHINA PART NUMBER: 20.01.08180		SCALE: 1:1	CUS REV: -
	APPR BY: ben	UNIT: mm	SHEET: 1 OF 1	DATE DRAWN: AUG-27-2018	
					

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REVISION HISTORY					
REV	DESCRIPTION	DRWN	CHK'D	APPVD	DATE
01	INITIAL RELEASE	Jun	-	Mike	2008-10-10
02	DESIGN CHANGE	Fred	-	--	2014-4-14

NOTES:

1. MATERIAL: BEIGE MYLAR (POLYETHYLENE)

2. FINISH: NONE.

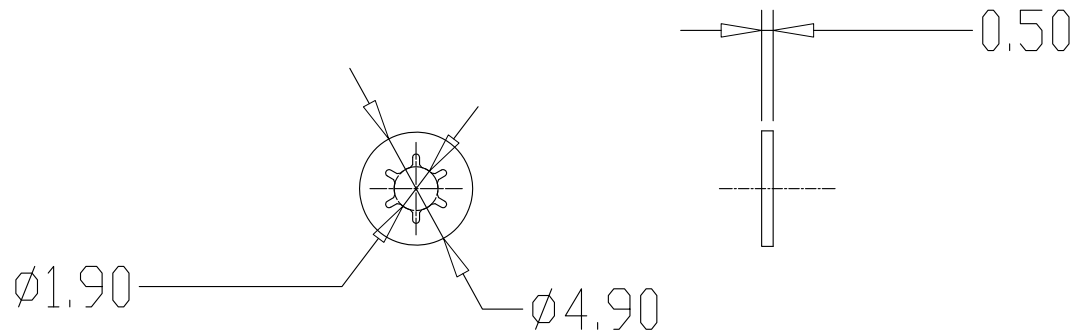
3. DEBURR AND BREAK ALL SHARP EDGES..

4.  IS CRITICAL INSPECTION POINT. NUMBERING IN TRIANGLE IS TO BE USED FOR
CROSS REFERENCE OF INSPECTION REPORT TO DRAWING DIMENSION OR FEATURE.

5. ALL DIMENSIONS TO INCLUDE APPLICABLE FINISH.

6. PART GROSS WEIGHT: xxxg/pcs.

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	DRAWN BY: Fred	COFAN_USA PART NUMBER: 50-1441	NAME: WASHER		
	CHECKED BY: --	COFAN_CHINA PART NUMBER: 55.02.00287	SCALE: 1:1	CUS REV: --	COF REV: 02
	APPR BY: --	UNIT: mm	SHEET: 1 OF 1	DATE DRAWN: Apr-14-2014	

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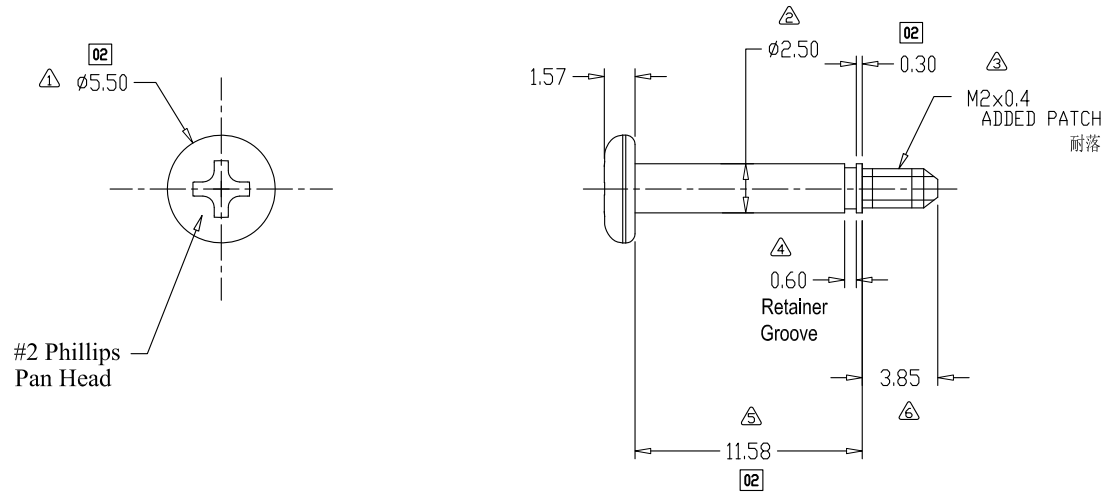
NOTES:

1. MATERIAL: STAINLESS STEEL 304.
2. FINISH: DEGREASE.
3. DEBURR AND BREAK ALL SHARP EDGES..
4. $\triangle$ IS CRITICAL INSPECTION POINT. NUMBERING IN TRIANGLE IS TO BE USED FOR CROSS REFERENCE OF INSPECTION REPORT TO DRAWING DIMENSION OR FEATURE.
6. PART GROSS WEIGHT: xxx g/Pcs.

REVISION HISTORY

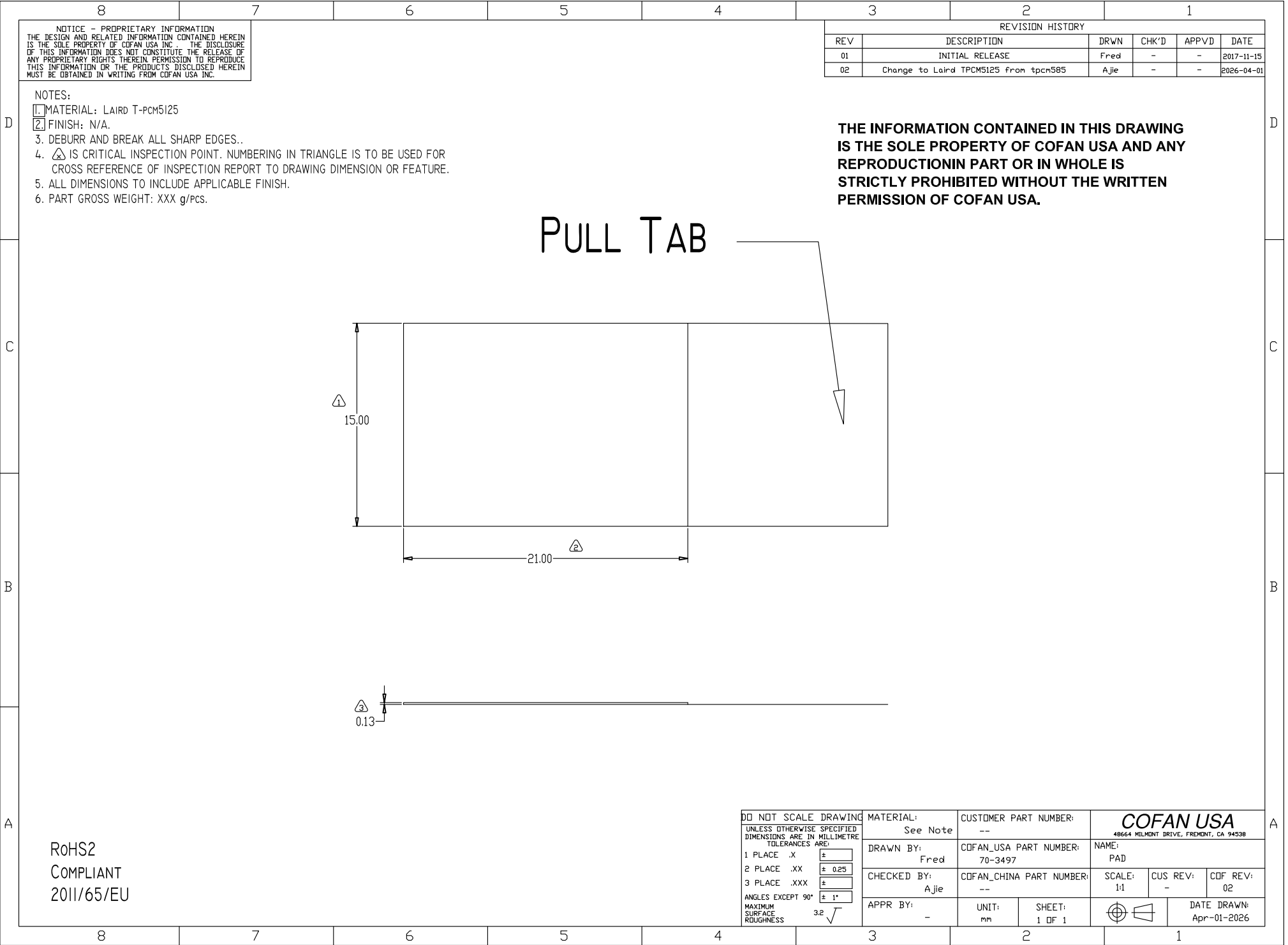
REV	DESCRIPTION	DRWN	CHK'D	APPVD	DATE
02	Change head from 4.70 to 5.5mm. Change from 7.78 to 11.88mm	Along	-	-	4-24-2013

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RoHS
COMPLIANT
2002/95/EC

DO NOT SCALE DRAWING		NAME:	DATE:	CUSTOMER DRAWING NUMBER:		COFAN USA 46177 WARM SPRINGS BLVD FREMONT CA 94539	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRE TOLERANCES ARE:		DRAWN BY:	Along	4-24-2013	CUSTOMER PART NUMBER:		NAME:
1 PLACE .X	± 0.4	CHECKED BY:			COFAN USA PAER NUMBER:		M2 SCREW
2 PLACE .XX	± 0.25	CHECKED BY:			60-6110		SCALE: NONE
3 PLACE .XXX	± 0.13	CHECKED BY:			COFAN CHINA PART NUMBER:		CUS REV: --
ANGLES EXCEPT 90°	± 0.5°	APPR BY:			60.01.00575		CDR REV: 02
MAXIMUM SURFACE ROUGHNESS	6.4			SHEET: 1 OF 1		DATE DRAWN: 4-24-2013	



8 7 6 5 4 3 2 1

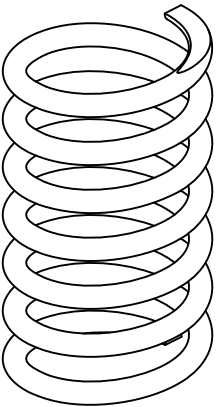
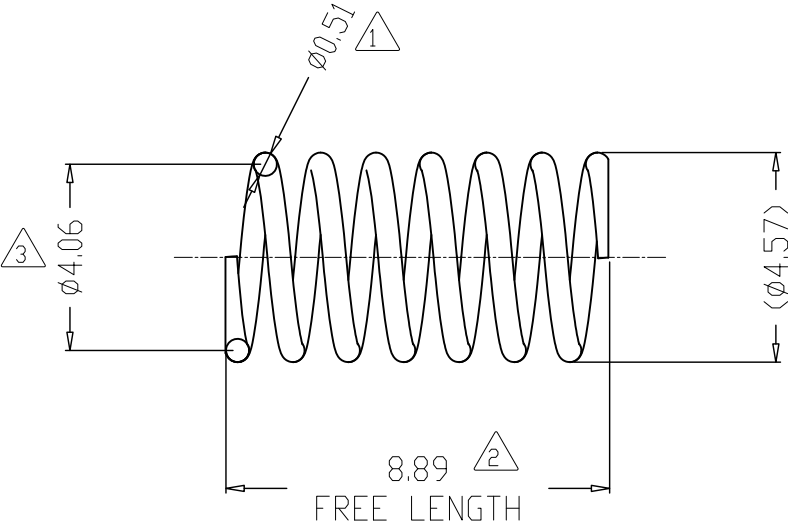
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REVISION HISTORY					
REV	DESCRIPTION	DRWN	CHK'D	APP'D	DATE
—	— — — —	—	—	—	—

NOTES:

1. MATERIAL: SPRING STEEL
2. SPRING ENDS CLOSED AND GROUND.
3. LENGTH OF SPRING WIRE IS 80.01mm TOTAL.
4. FORMED SPRING TO HAVE 7 TURNS.
5. SOLID HEIGHT: APPROX 3.46mm
6. SPRING RATE: 11.2 LBS/IN

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Compliant
2002/95/EC

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	FINISH: 2	CUSTOMER PART NUMBER: NAME: SPRING	
	DRAWN BY: Bob.G	COFAN DRAWING NUMBER: 50-1008	SCALE: 1:1 CUS REV: 01 COF REV: 01
	APPR BY:	COFAN PART NUMBER: 50-1008	SHEET: 1 OF 1 DATE DRAWN: Apr-12-2006