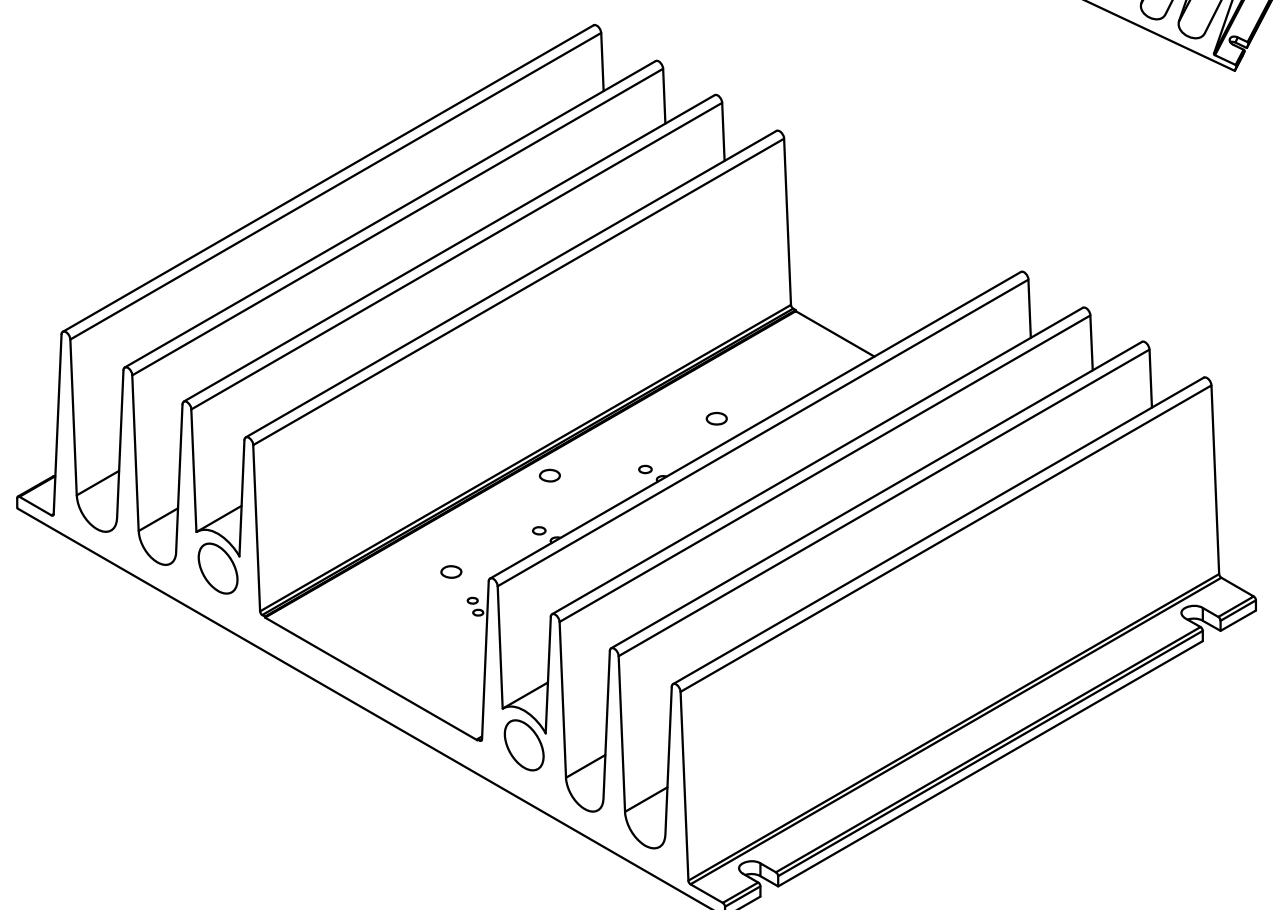


8.00  
4.000  
7.60  
3.800  
1.959  
0.980  
0.100 THRU C'SINK 82° TO 0.152 BOTH SIDES 12 X  
0.100  
0.200 TYP.  
0.160 THRU C'SINK 82° TO 0.212 BOTH SIDES 6X

6.00  
3.000  
5.00  
2.500  
1.500  
0.600  
1.200  
1.500  
40° TYP.  
0.200 TYP.  
0.500 TYP.  
0.593 TYP.  
1.187 TYP.  
0.080 THRU C'SINK 82° TO 0.132 BOTH SIDES 16X

3.45 TYP.  
2.75 TYP.  
2.08 TYP.  
1.38 TYP.  
R.050 TYP.  
2.510 AS EXTRUDED  
2.400 AS MACHINED  
0.100/.125 WALL THICKNESS  
R.025 TYP.  
0.001IN/IN  
2.00  
0.545  
0.125  
0.250 TYP.  
1.730 TYP.  
0.438  
0.330 TYP.  
AFTER MACHINING  
8.00



**NOTES:**

1. Unless otherwise noted, all dimensions are in inches.
2. Break all sharp edges, de-burr & remove loose chips.
3. Material: 6063-T5 aluminum
4. Finish: Anodize per MIL-A-8625F, Type III, Class 2, Black  
Typical breakdown voltage > 300V
5. Mark with contrasting ink as shown, if specified by P.O.
6. Approximate Weight: 46.2 oz [1310g]
7. Thermal rating: 0.68 °C/W, NOTE: With liquid cooling thermal rating can be reduced to 0.1°C/W

TOLERANCES - UNLESS OTHERWISE SPECIFIED		TITLE: TO-3 & P-DIP HEATSINK		MODEL: HS11	
.XX = ±0.01 [.254]		SUBJECT: MECHANICAL DRAWING			
.XXX = ±0.005 [.127]		ENGINEER: D-M	DRAWN BY: RMOR	QCA: 13356	SH: 1 OF 1
ANG. = ±5°		APEX MICROTECHNOLOGY		FILENAME: HS11	REV: G DATE: 14OCT13

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