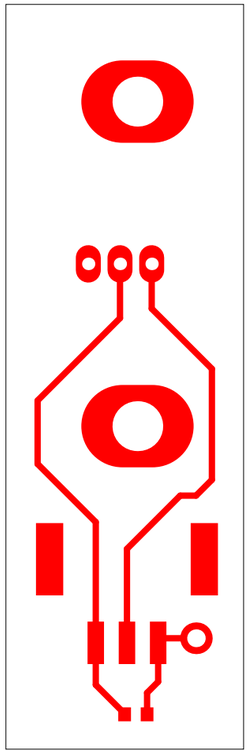
REVISION	DESCRIPTION	DATE	APPROVED

Bill Of Materials

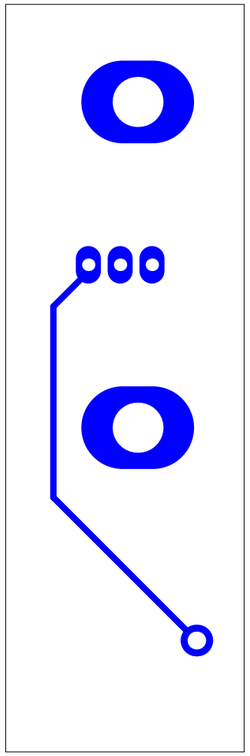
Line #	Designator	Comment	Quantity
1	C1	GRM155R71H104KE14J	1
2	J1	BM03B-GHS-TBT	1
3	U1	WCS1700	1

Realistic View

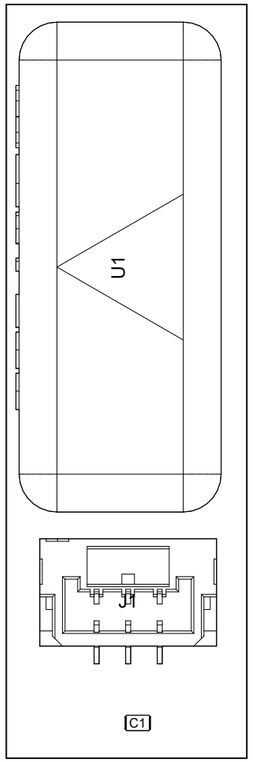
Top Layer (Scale 4.1828:1)



Bottom Layer (Scale 4.1978:1)



View from Top side (Scale 4.2328:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
○	3	0mm	Non-Plated	
▽	1	1mm	Plated	
□	2	2mm	Non-Plated	
	6 Total			

APPROVALS	DATE
ENG:	--/--/--
DSN:	--/--/--
CHK:	--/--/--

REFERENCE DOCUMENTS

BOM: =DOC_NO_BOM

ASSY DWG: =DOC_NO_ASSY_DWG

FAB DWG: =DOC_NO_FAB_DWG

PCB DWG: =PCB_DWG_NO

PROJECT: *

SOARING #300

PROJECT REVISION: =VersionControl_ProjectRevision | DOCUMENT REVISION: .ItemRevision | DESIGN ITEM ID: =VersionControl_ItemID

TITLE: =title

SIZE	CAGE CODE	DWG NO.	REV
B	8MHX9	=DOC_NO_SCH_DWG	.ItemRevision

SCALE: =SCH_SCALE | FILENAME: WCS1700_Current_Sensor.PCBDwf | SHEET 1 OF 1

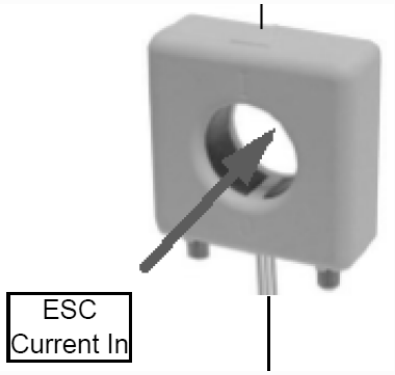
=DOC_NO_SCH_DWG

REV .ItemRevision

SHT 1

REVISION	DESCRIPTION	DATE	APPROVED

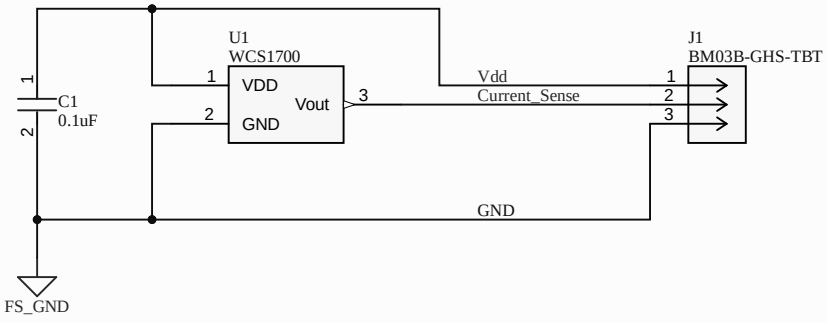
Hall Effect Current Sensor & Signal Conditioner



WCS 1700 Hall Effect Current Sensor

I_s is the ESC current in

Vs = (I_s * 33mV/Amp) + 2.5V



APPROVALS	DATE
ENG: RRV	
DSN: RRV	
CHK: *	

REFERENCE DOCUMENTS

BOM:

ASSY DWG:

FAB DWG:

PCB DWG:

PROJECT: G25

SOARING

300 Continental Blvd
#300
El Segundo, CA 90245

PROJECT REVISION: | DOCUMENT REVISION: | DESIGN ITEM:

TITLE: WCS1700 CURRENT SENSOR

SIZE	CAGE CODE	DWG NO.	REV
B	8MHX9		NC

SCALE: | FILE NAME: WCS1700_Current_Sensor.SchDoc | SHEET 1 OF 1