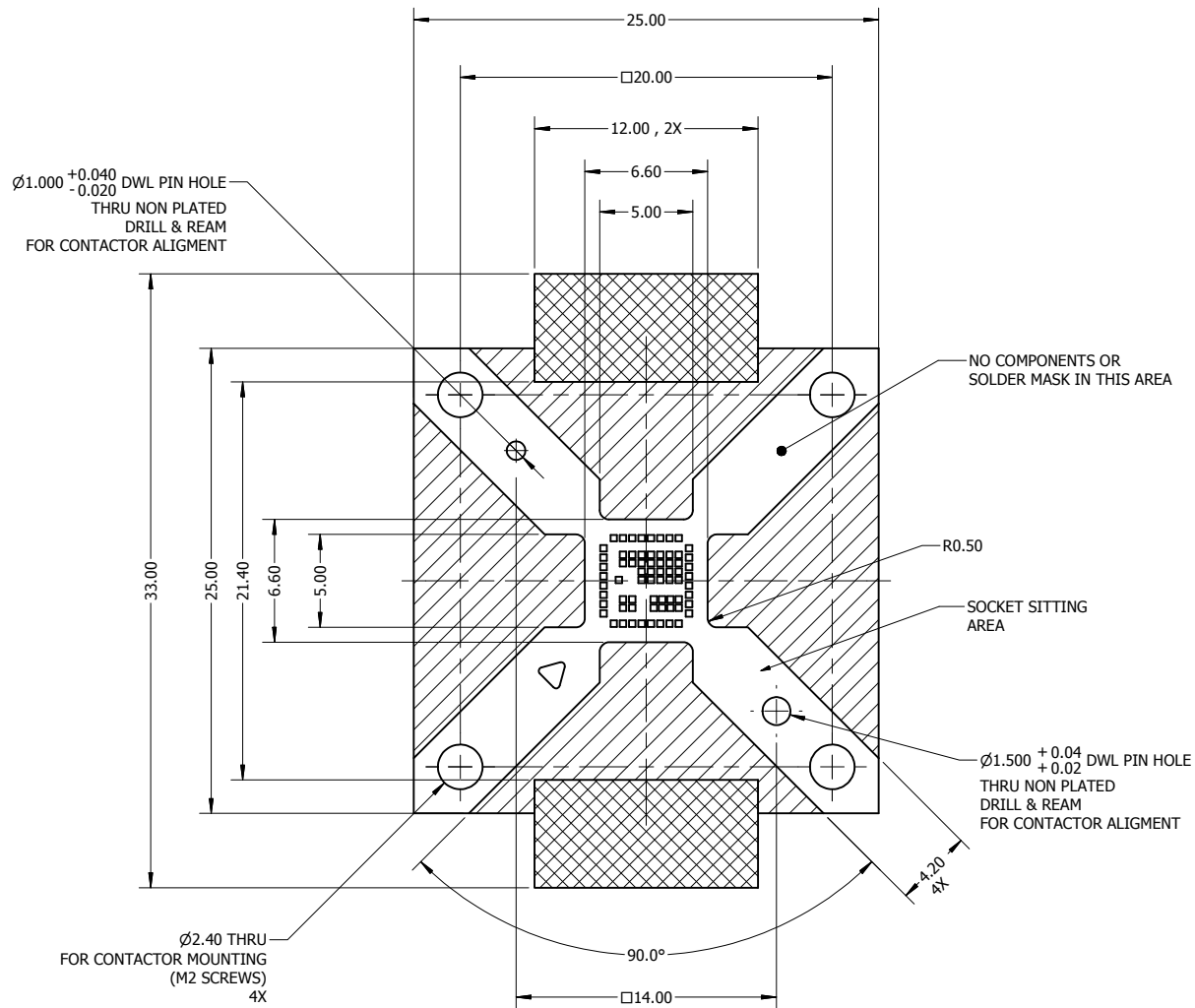
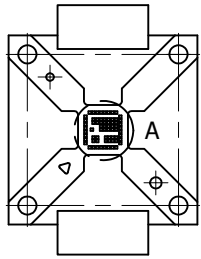




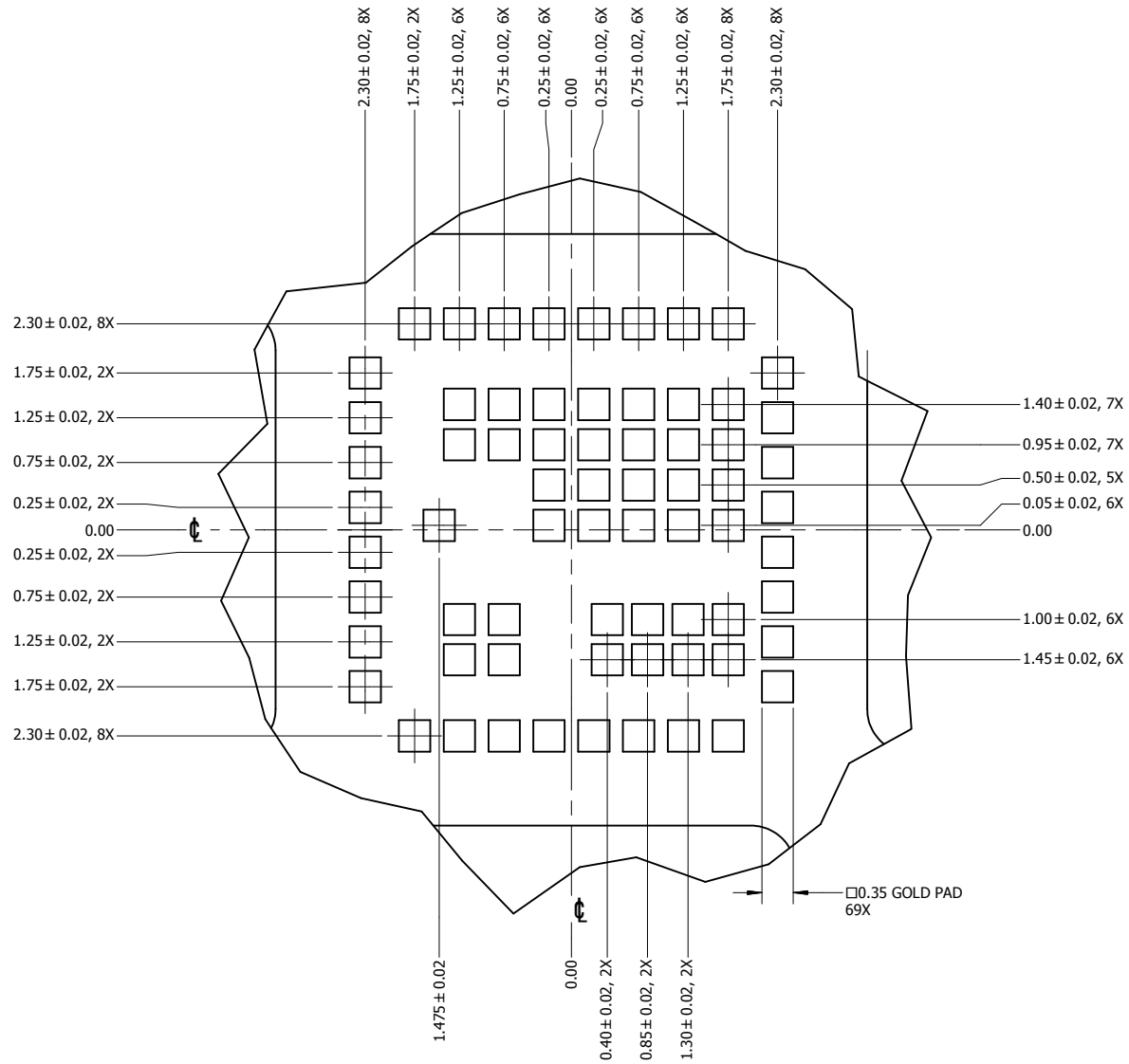
- CONTACTOR TOUCH DOWN AREA - NO COMPONENTS, NO SOLDER TAILS ,
NO SOLDER MASK
AND NO SILKSCREEN ALLOWED ON CONTACTOR SIDE OF BOARD.
TRACES AND VIAS ALLOWED, HEIGHT NOT EXCEED HEIGHT OF PLATED
PADS.
- COMPONENTS ZONE - MAX COMPONENT HEIGHT OF 1.8mm
- LATCH ZONE - MAX COMPONENT HEIGHT OF 1.3mm

TOP VIEW
SCALE 5 : 1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES DECIMALS .X ± .1 .XX ± .05 .XXX ± .030 ANGLES ±1°	DRAWN V Mojica	1/13/2016	 Contech Solutions Incorporated 631 Montague avenue San Leandro, Ca 94577			
	CHECKED	2/9/2016				
	QA					
	MFG		TITLE FOOTPRINT DRAWING FOR 31 MLP 5X5 P 0.5 PN# CSQFN31-0.5-CS300-VSH1			
	APPROVED					
	MATERIAL		SIZE C		DWG NO CSQFN31-5-CS300-VSH1	REV A4
			SCALE		SHEET 1 OF 9	

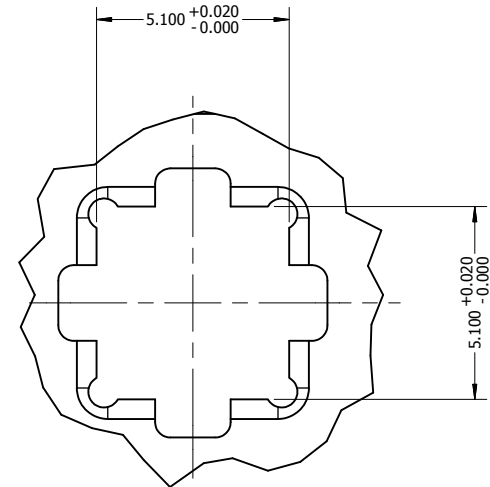
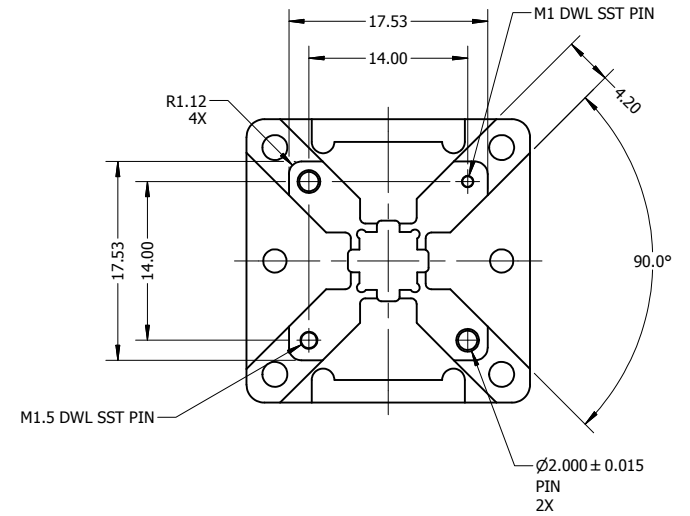
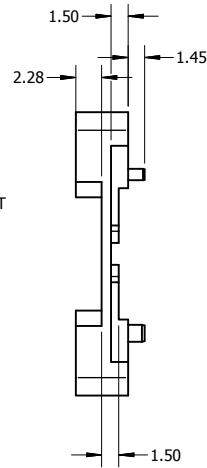
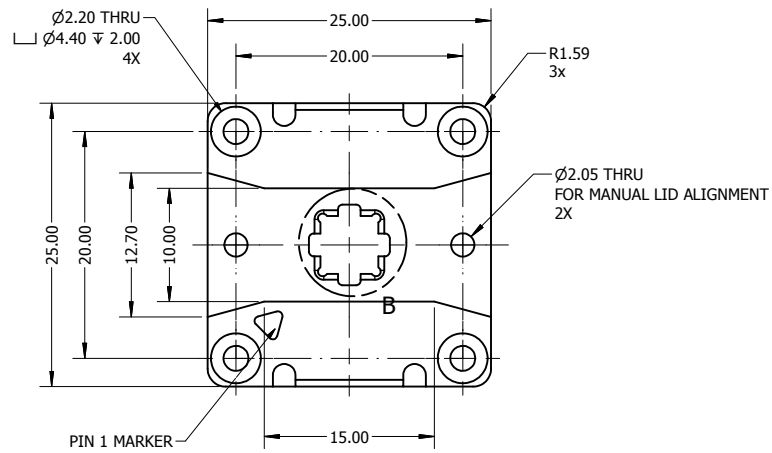


TOP VIEW
SCALE 2 : 1



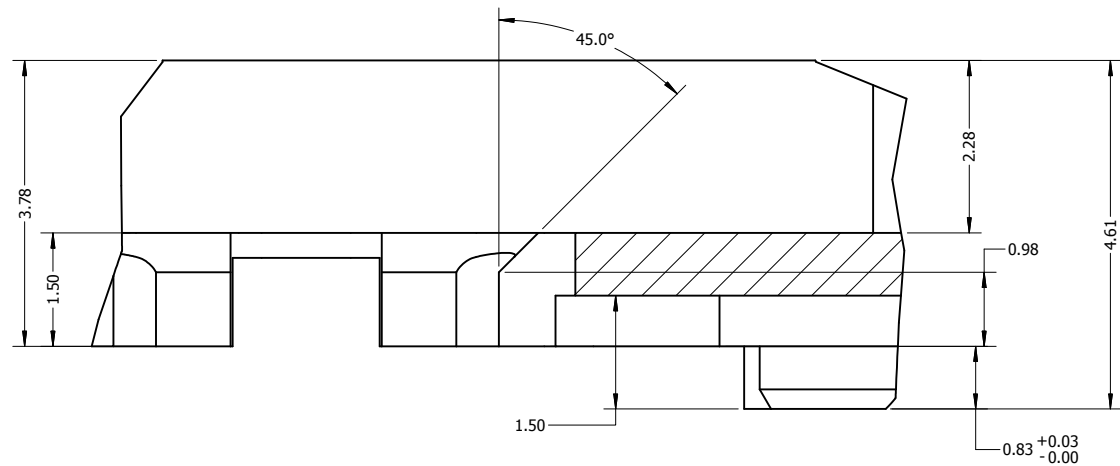
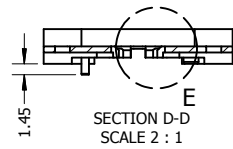
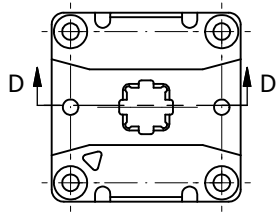
DETAIL A
SCALE 25: 1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES DECIMALS .X ± .1 .XX ± .05 .XXX ± .030 ANGLES ±1°	DRAWN V Mojica	1/13/2016	 Contech Solutions Incorporated 631 Montague avenue San Leandro, Ca 94577
	CHECKED	2/9/2016	
	QA		
	MFG		
	APPROVED		
	MATERIAL		TITLE PN# CSQFN31-0.5-CS300-VSH1
		SIZE C	DWG NO CSQFN31-5-CS300-VSH1
		SCALE	REV A4
			SHEET 2 OF 9



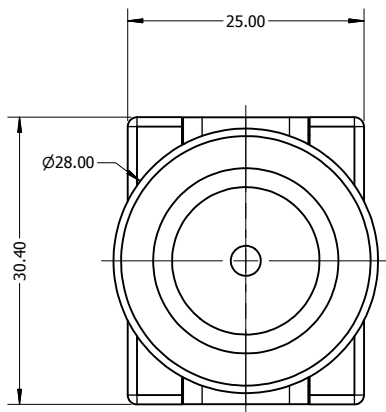
DETAIL B
SCALE 10 : 1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES DECIMALS .X $\pm$.1 .XX $\pm$.05 .XXX $\pm$.030 ANGLES $\pm$ 1'	DRAWN V Mojica	1/13/2016	 Contech Solutions Incorporated 631 Montague avenue San Leandro, Ca 94577	TITLE CUSTOM CONTACTOR DRAWING 31 MLP 5X5 P 0.5 PN# CSQFN31-0.5-CS300-VSH1
	CHECKED	2/9/2016		
	QA			
	MFG			
	APPROVED		SIZE C	DWG NO CSQFN31-5-CS300-VSH1
	MATERIAL		SCALE	REV A4
			SHEET 3 OF 9	

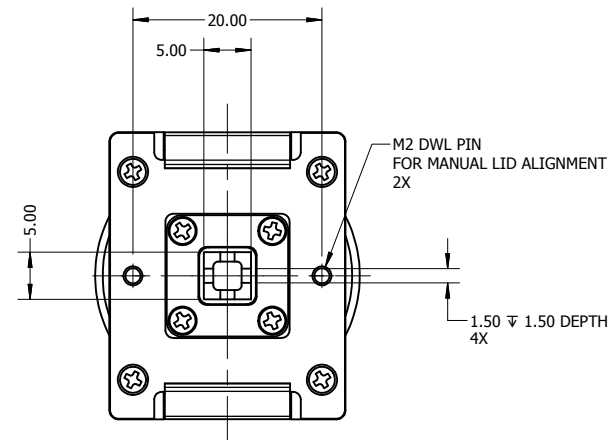
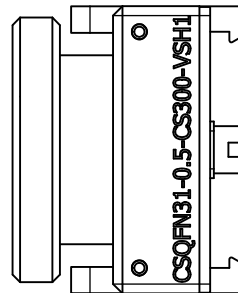


DETAIL E
SCALE 20 : 1

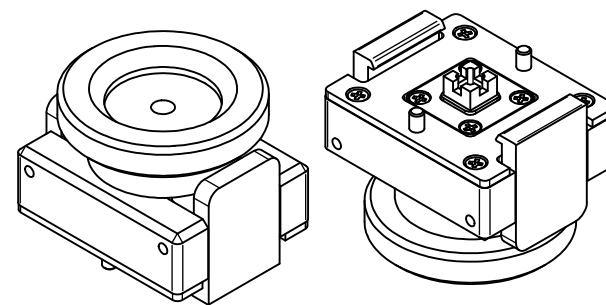
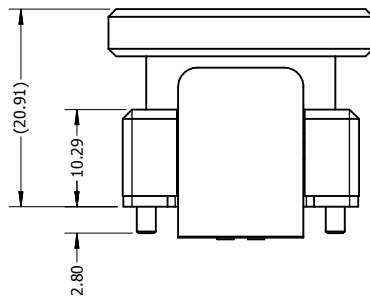
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES DECIMALS .X ± .1 .XX ± .05 .XXX ± .030 ANGLES ±1°	DRAWN V Mojica	1/13/2016	 Contech Solutions Incorporated 631 Montague avenue San Leandro, Ca 94577
	CHECKED	2/9/2016	
	QA		
	MFG		
	APPROVED		
	MATERIAL		TITLE PN# CSQFN31-0.5-CS300-VSH1
	SIZE C		
	SCALE		
			DWG NO CSQFN31-5-CS300-VSH1
			REV A4
			SHEET 4 OF 9



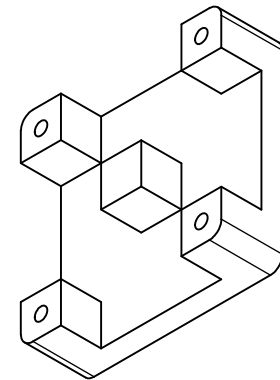
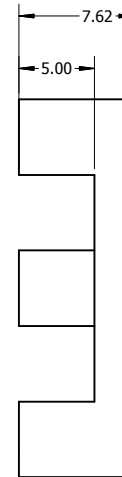
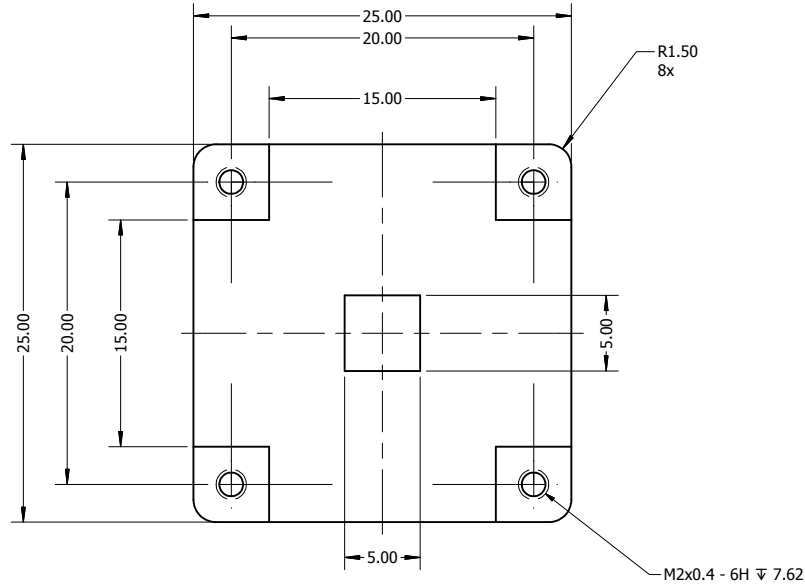
TOP VIEW
SCALE 2.5



BOTTOM VIEW
SCALE 2.5 : 1

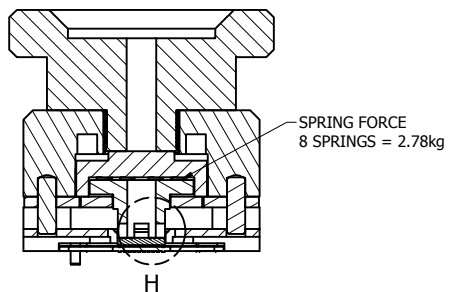
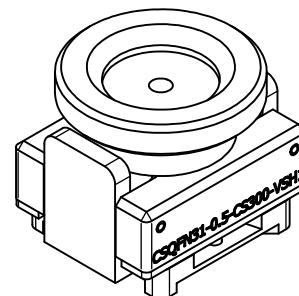
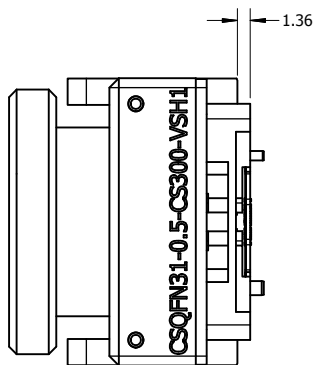
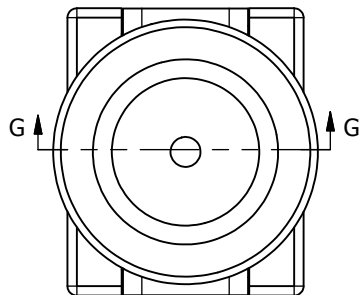


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES DECIMALS .X ± .1 .XX ± .05 .XXX ± .030 ANGLES ±1°	DRAWN V Mojica	1/13/2016	 Contech Solutions Incorporated 631 Montague avenue San Leandro, Ca 94577		
	CHECKED	2/9/2016			
	QA		TITLE PN# CSQFN31-0.5-CS300-VSH1		
	MFG				
	APPROVED				
	MATERIAL		SIZE C	DWG NO CSQFN31-5-CS300-VSH1	REV A4
			SCALE		SHEET 5 OF 9

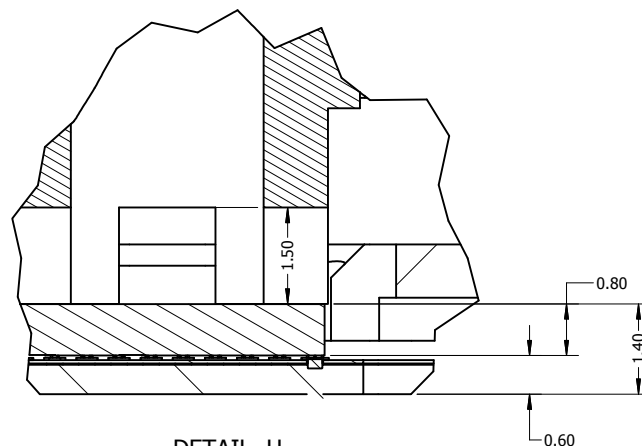


NOTES:
1- MATERIAL: ALUMINUM 6061

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES DECIMALS .X ± .1 .XX ± .05 .XXX ± .030 ANGLES ±1°	DRAWN V Mojica	1/13/2016			Contech Solutions Incorporated 631 Montague avenue San Leandro, Ca 94577		
	CHECKED	2/9/2016					
	QA		TITLE CUSTOM BACK PLATE DRAWING PN# CSQFN31-0.5-CS300-VSH1				
	MFG						
	APPROVED						
	MATERIAL						
			SIZE C		DWG NO CSQFN31-5-CS300-VSH1	REV A4	
		SCALE		SHEET 6 OF 9			



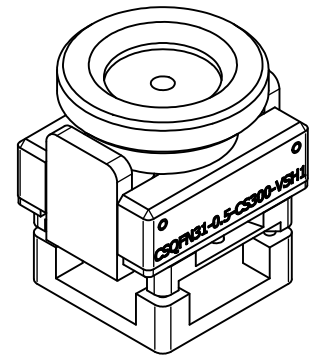
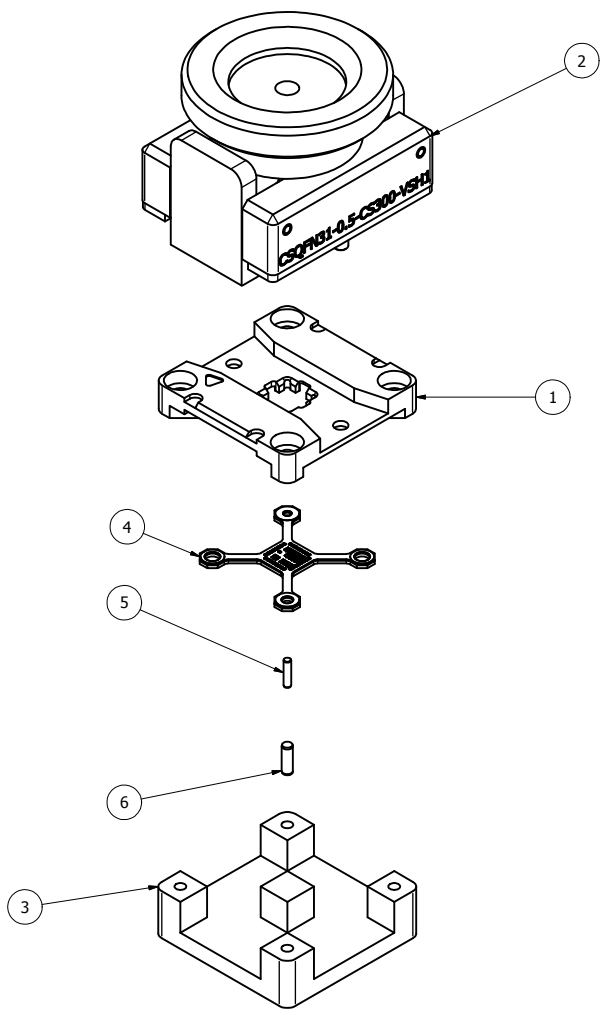
SECTION G-G
SCALE 2.5 : 1



DETAIL H
SCALE 17: 1

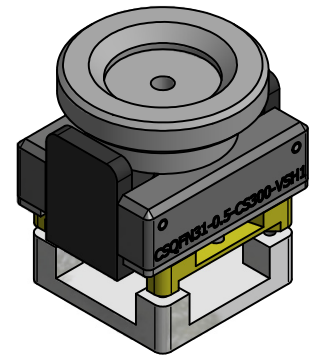
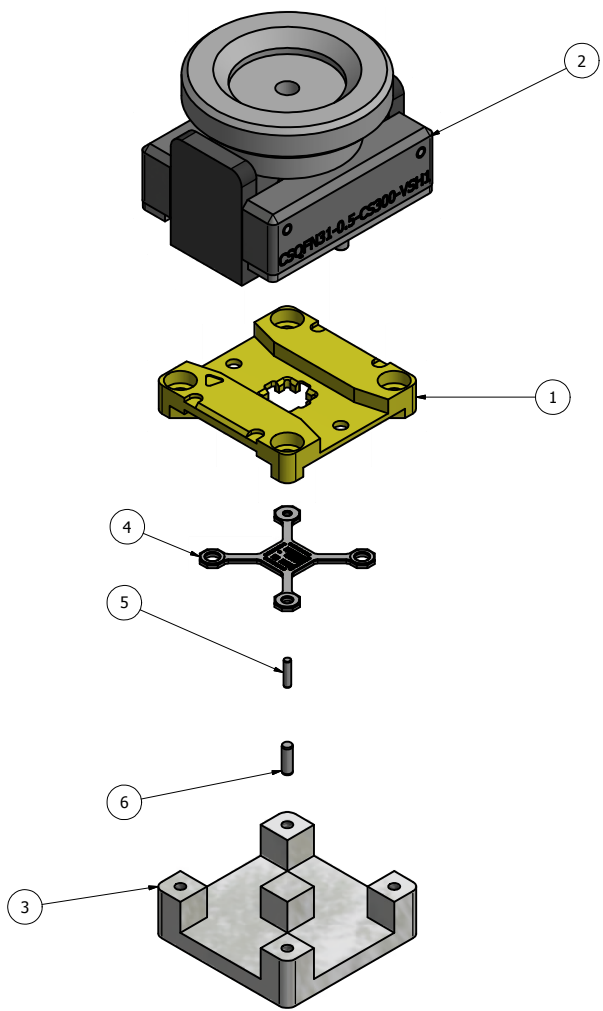
SPRING FORCE
8 SPRINGS = 2.78kg

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES DECIMALS .X ± .1 .XX ± .05 .XXX ± .030 ANGLES ±1°	DRAWN V Mojica	1/13/2016	 Contech Solutions Incorporated 631 Montague avenue San Leandro, Ca 94577
	CHECKED	2/9/2016	
	QA		
	MFG		
	APPROVED		TITLE
	MATERIAL		PN# CSQFN31-0.5-CS300-VSH1
			SIZE
			C
			DWG NO
			CSQFN31-5-CS300-VSH1
			REV
			A4
			SCALE
			1
			SHEET 7 OF 9



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	CSQFN31-0.5-CS300-VSH1-001	CONTACTOR- TORLON 4203
2	1	CSQFN31-0.5-CS300-VSH1-002	LID ASSEMBLY - BLACK ULTEM
3	1	CSQFN31-0.5-CS300-VSH1-003	BACK PLATE - ALUMINUM 6061
4	1	CS300	ELASTOMER
5	1	93600A030	M1 X 4MM L SST DOWEL PIN
6	1	91585A908	M1.5 DIAMETER , 4MM LENGTH SST DWL PIN

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES DECIMALS .X ± .1 .XX ± .05 .XXX ± .030 ANGLES ±1°	DRAWN V Mojica	1/13/2016	 Contech Solutions Incorporated 631 Montague avenue San Leandro, Ca 94577		
	CHECKED	2/9/2016			
	QA		TITLE PN# CSQFN31-0.5-CS300-VSH1		
	MFG				
	APPROVED				
	MATERIAL		SIZE C	DWG NO CSQFN31-5-CS300-VSH1	REV A4
		SCALE	SHEET 8 OF 9		



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	CSQFN31-0.5-CS300-VSH1-001	CONTACTOR- TORLON 4203
2	1	CSQFN31-0.5-CS300-VSH1-002	LID ASSEMBLY - BLACK ULTEM
3	1	CSQFN31-0.5-CS300-VSH1-003	BACK PLATE - ALUMINUM 6061
4	1	CS300	ELASTOMER
5	1	93600A030	M1 X 4MM L SST DOWEL PIN
6	1	91585A908	M1.5 DIAMETER , 4MM LENGTH SST DWL PIN

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES DECIMALS .X ± .1 .XX ± .05 .XXX ± .030 ANGLES ±1°	DRAWN V Mojica	1/13/2016	 Contech Solutions Incorporated 631 Montague avenue San Leandro, Ca 94577		
	CHECKED	2/9/2016			
	QA		TITLE PN# CSQFN31-0.5-CS300-VSH1		
	MFG				
	APPROVED				
	MATERIAL		SIZE C	DWG NO CSQFN31-5-CS300-VSH1	REV A4
		SCALE	SHEET 9 OF 9		