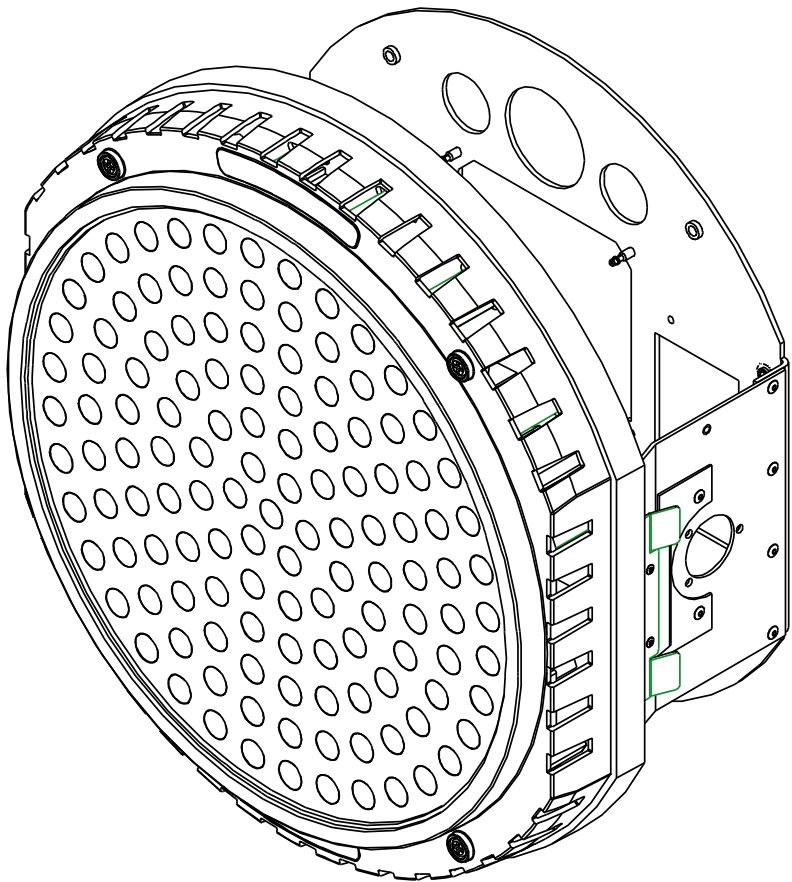




TZA004

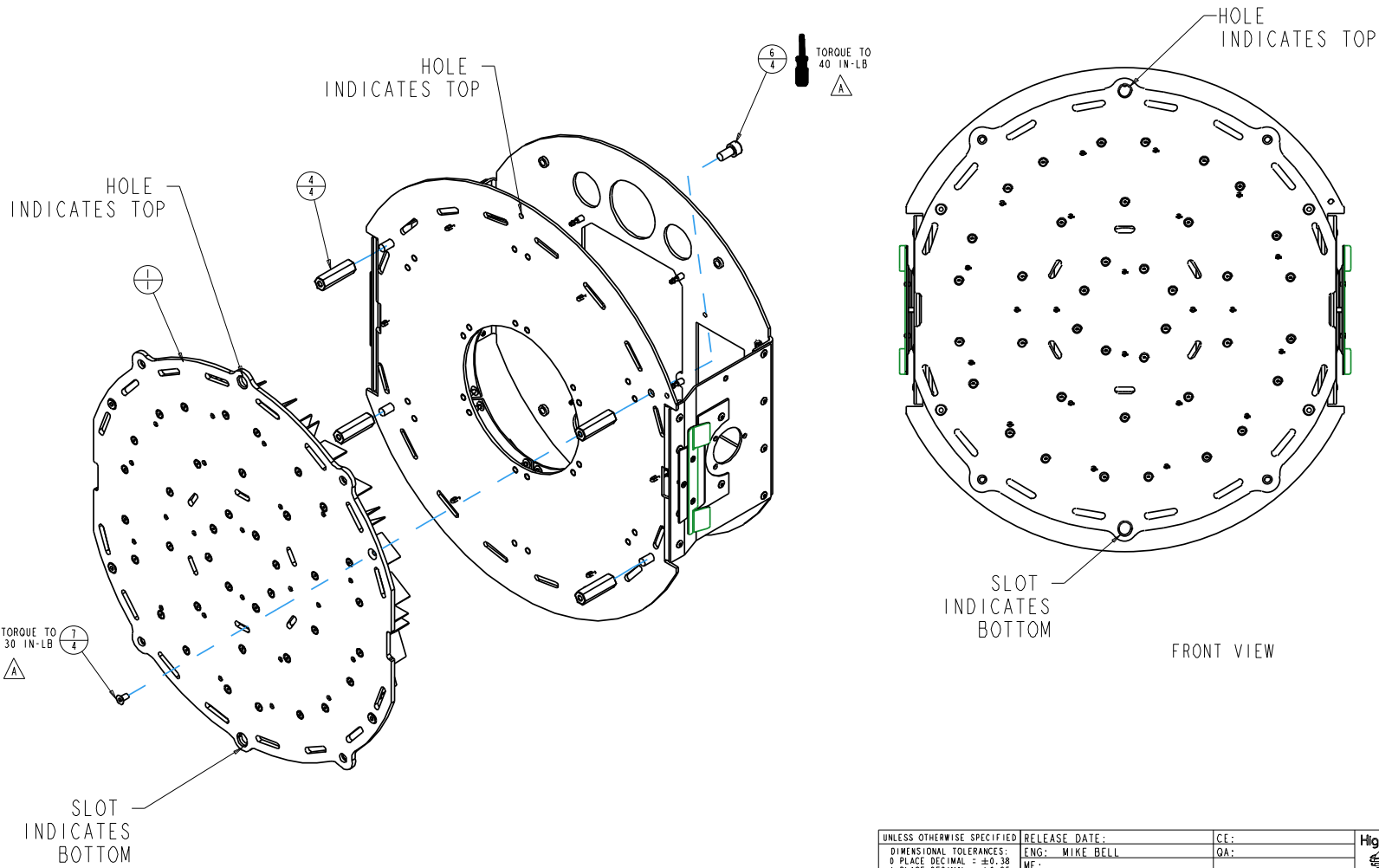


REV.	DESCRIPTION	DATE	ENG	ECO #	APPR
1	CREATE DRAWING	3DEC07	PP		MB
2	REMOVE ITEM 2 @ 4-40 AND REPLACE WITH 6-32	14DEC07	PP		MB
3	CHANGE ITEM 2 TO UNSLOTTED HEX HEAD	15FEB08	PP		MB
4	ADD ITEMS 13 & 4 TO ASSEMBLY	05MAR08	PP		MB
5	UPDATE ASSEMBLY INSTRUCTIONS, RIBBON CABLE VIEWS	31MAR08	PP		MB
6	ADD SYMIX NUMBER, CHANGE DESCRIPTION	02MAR08	PP		MB
-	PRODUCTION RELEASE	03APR08	PP		MB
A	ADD STANDOFF'S (ITEM 12) 6 PLACES, ADD TORQUE SPECS, JUMPER SETTINGS FOR LED CONTROL BOARD #4.	28APR08	PP	2467	MB
B	UPDATE REVISION FOR TZA032	06MAY08	PP	2469	MB

ITEM NO.	QTY.	FILENAME	PART NO.	REV	DESCRIPTION
13	6	PCB_SUPPORT_SCREW_MOUNT	90702383EF	1	SUPPORT, CIRCUIT BOARD, SCREW MOUNT
12	6	TZ_16CONDUCTOR_FFC4	90409319EF	1	16 CONDUCTOR FFC (MOLEX 21039-0323)
11	18	TZ_26CONDUCTOR_FFC3	90409318EF	1	26 CONDUCTOR FFC (MOLEX 21039-0431)
10	6	TZ429	80060026EF	4	BOARD, RGB LED CONTROL ASSY
9	1	TZ426_ASSY	80060024EF	9	BOARD, RGB ARRAY CENTER CIRCLE ASSY
8	6	TZ425_ASSY	80060022EF	11	BOARD, RGB ARRAY 60 DEGREE PIE ASSY
7	4	SCREWM5AF10BZ	91540510	.	SCREW,M5 SOCKET CSNK FLAT 10 BZ
6	4	SCREWM8AC16SSP	91100816	.	SCREW,M8 SOCKET CAP 16 SS W/PATCH
5	22	SCREW_6-32_THRD_ROLL_25L_UNSLOT	90710018	.	SCREW,6-32, 3/16 HEX 1/4 THD FORM, NO SLOT
4	4	TZ307	90702381	-	STANDOFF, 12.7(.50) HEX, L=43.43[1.71]
3	1	TZA032	80450095	A	ASSEMBLY, FRONT BEZEL, MEA4
2	1	TZA009	80110057	B	CHASSIS, HEAD, MEA4
1	1	TZA008	80110056	A	PLATE ASSEMBLY, HEAT SINK ARRAY
BILL OF MATERIALS					

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DIMENSIONAL TOLERANCES:	ENG: MIKE BELL	QA:	 AUSTIN, TEXAS 78158 (512) 836-2242 FAX (512) 832-4128 http://www.highend.com		
0 PLACE DECIMAL = ±0.38	ME:	DRW: PETE PHILLIPS			
1 PLACE DECIMAL = ±0.25	MEG:				
2 PLACE DECIMALS = ±0.13	DESCRIPTION:	HEAD, ASM, SHOWPIX			
ANGLES = ±0.5°	FOR PAINTED PARTS REFER TO	MATERIAL: CHARTRED			
	ENG. SPEC. MANUAL W1-0592	FINISH:			
	ALL COMPONENTS, MATERIALS AND FINISHES TO BE RoHS COMPLIANT	INTERPRET DIMENSIONS PER ASME Y14.5M-1994 THIRD ANGLE PROJECTION DIMENSIONS ARE IN MILLIMETERS			
MIN. DRAFT	MIN. RADI	SI METRIC	PART NO.	DRAWING NO.	REV.
FLATNESS	THICKNESS	A1	80450096	TZA004	B
VOLUME			DO NOT SCALE	SCALE: 0.200	SHEET: 1 OF 8

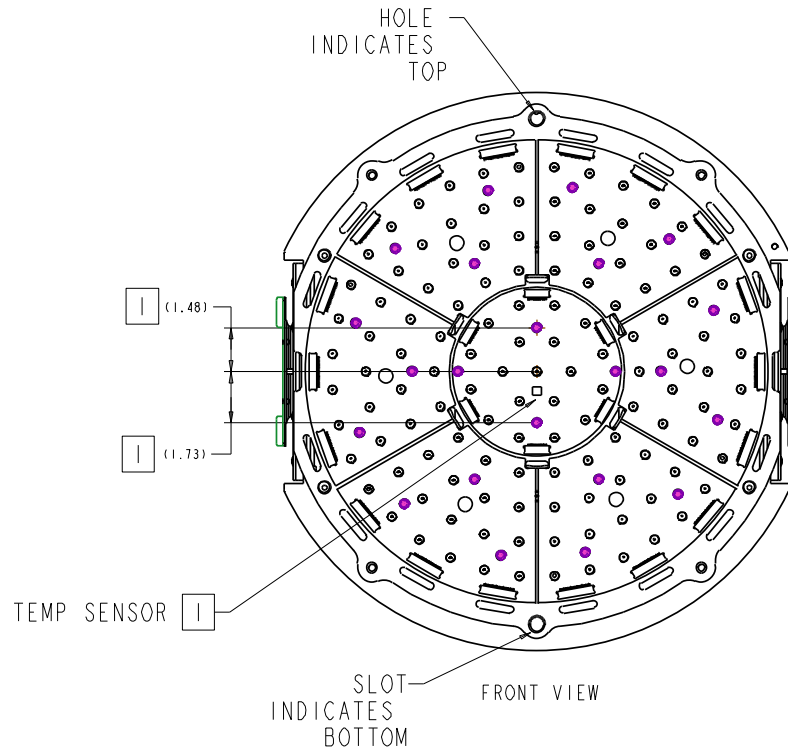
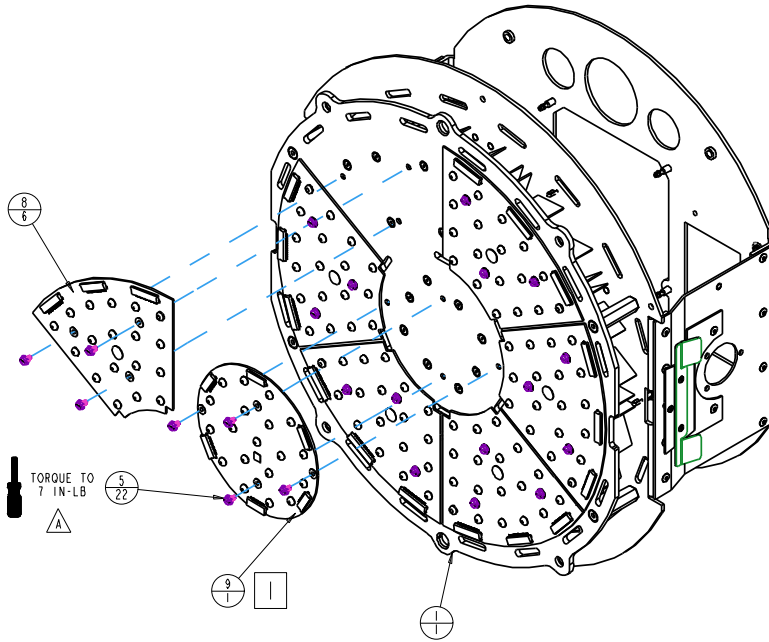
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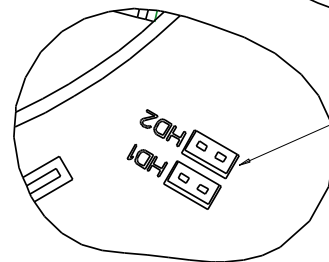
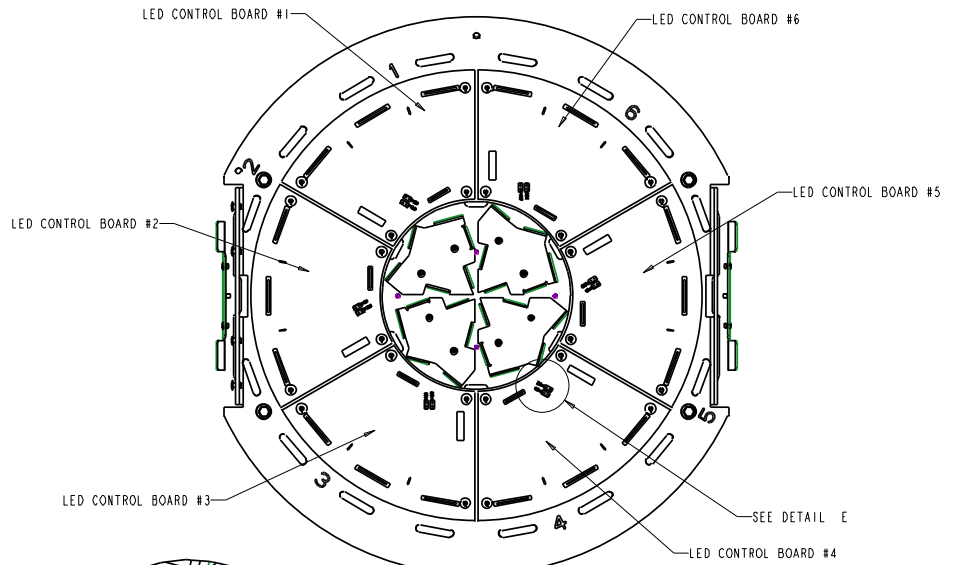
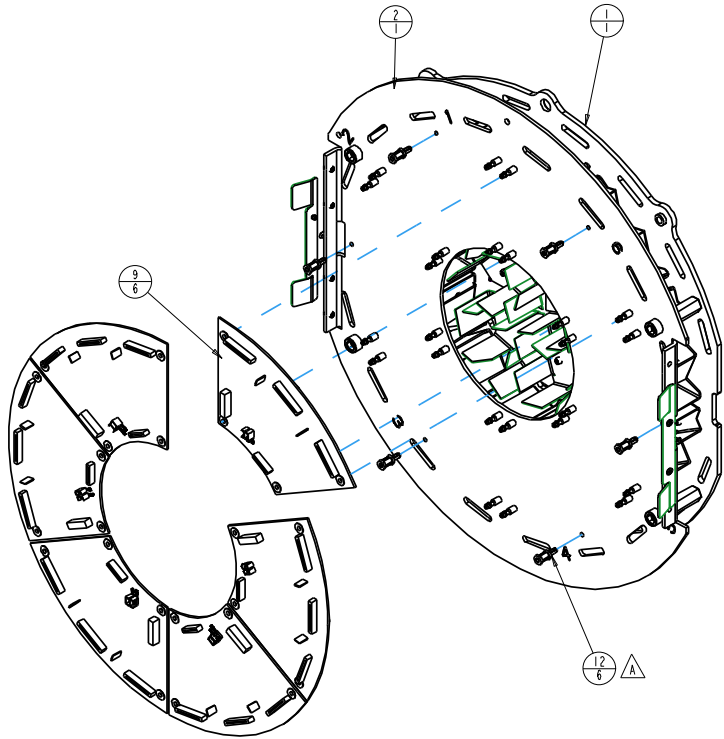
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DIMENSIONAL TOLERANCES: 0 PLACE DECIMAL = ±0.38 1 PLACE DECIMAL = ±0.25 2 PLACE DECIMALS = ±0.13 ANGLES = ±0.5°		ENG: MIKE BELL	QA:		
FOR PAINTED PARTS REFER TO ENG. SPEC. MANUAL WI-0592		DESCRIPTION: HEAD, ASM, SHOWPIX		FINISH:	
ALL COMPONENTS, MATERIALS AND FINISHES TO BE RoHS COMPLIANT		MATERIAL: CHARTRED		PART NO. 80450096	
MIN. DRAFT MIN. RADIUS FLATNESS THICKNESS VOLUME		INTERPRET DIMENSIONS PER ASME Y14.5M-1994 THIRD ANGLE PROJECTION DIMENSIONS ARE IN MILLIMETERS		DRAWING NO. TZA004 REV. B	
		SI METRIC A1		DO NOT SCALE SCALE: 0.200 SHEET: 2 OF 8	

USE FRONT VIEW BELOW TO DETERMINE ASSEMBLY ORIENTATION OF CENTER ARRAY, MOUNTING HOLES ARE NOT SYMETRICAL TO THE CENTER OF THE PART.



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DIMENSIONAL TOLERANCES: 0 PLACE DECIMAL = ±0.38 1 PLACE DECIMAL = ±0.25 2 PLACE DECIMALS = ±0.13 ANGLES = ±0.5°	ENG: MIKE BELL ME: MEG:	OA: DRW: PETE PHILLIPS			
FOR PAINTED PARTS REFER TO ENG. SPEC. MANUAL WI-0592 ALL COMPONENTS, MATERIALS AND FINISHES TO BE RoHS COMPLIANT	DESCRIPTION: HEAD, ASM, SHOWPIX	MATERIAL:	FINISH:		
MIN. DRAFT MIN. RADIUS FLATNESS THICKNESS VOLUME	INTERPRET DIMENSIONS PER ASME Y14.5M-1994 THIRD ANGLE PROJECTION DIMENSIONS ARE IN MILLIMETERS	SI METRIC A1	PART NO. 80450096	DRAWING NO. TZA004	REV. B
			DO NOT SCALE	SCALE: 0.200	SHEET: 3 OF 8

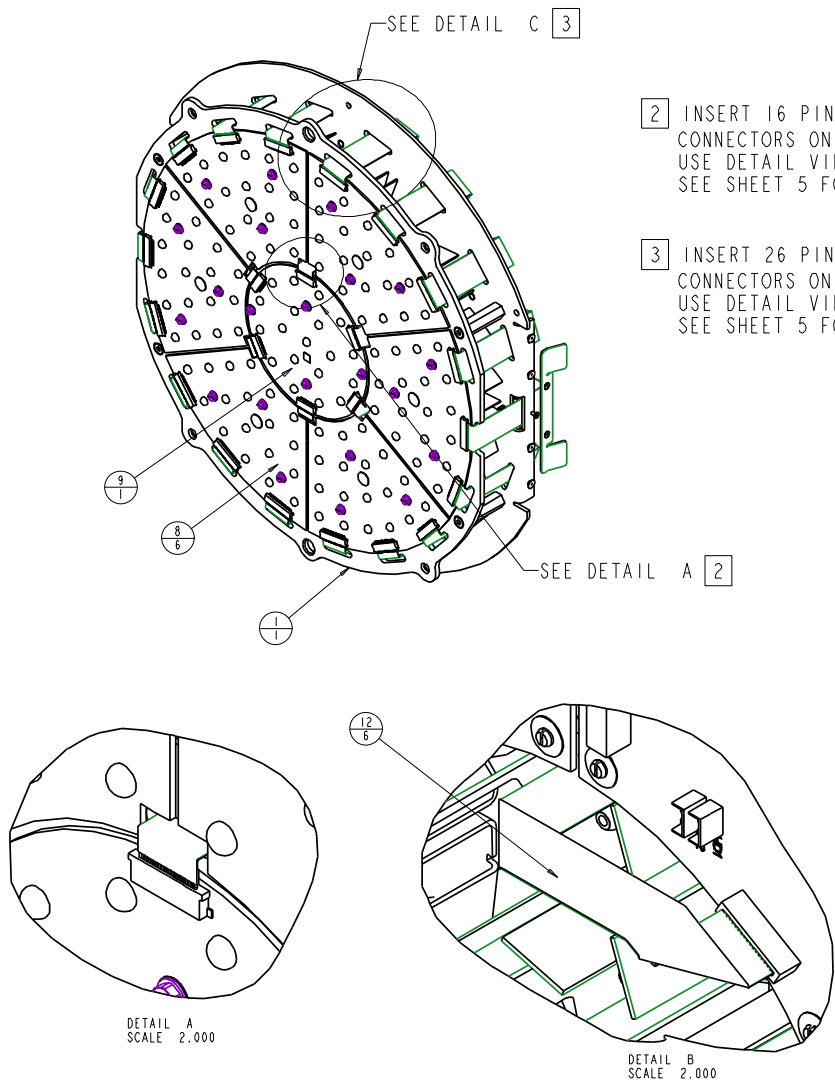


TEMP SENSOR JUMPER ON LED CONTROL BOARD #4 MUST BE IN HD2 POSITION ▲

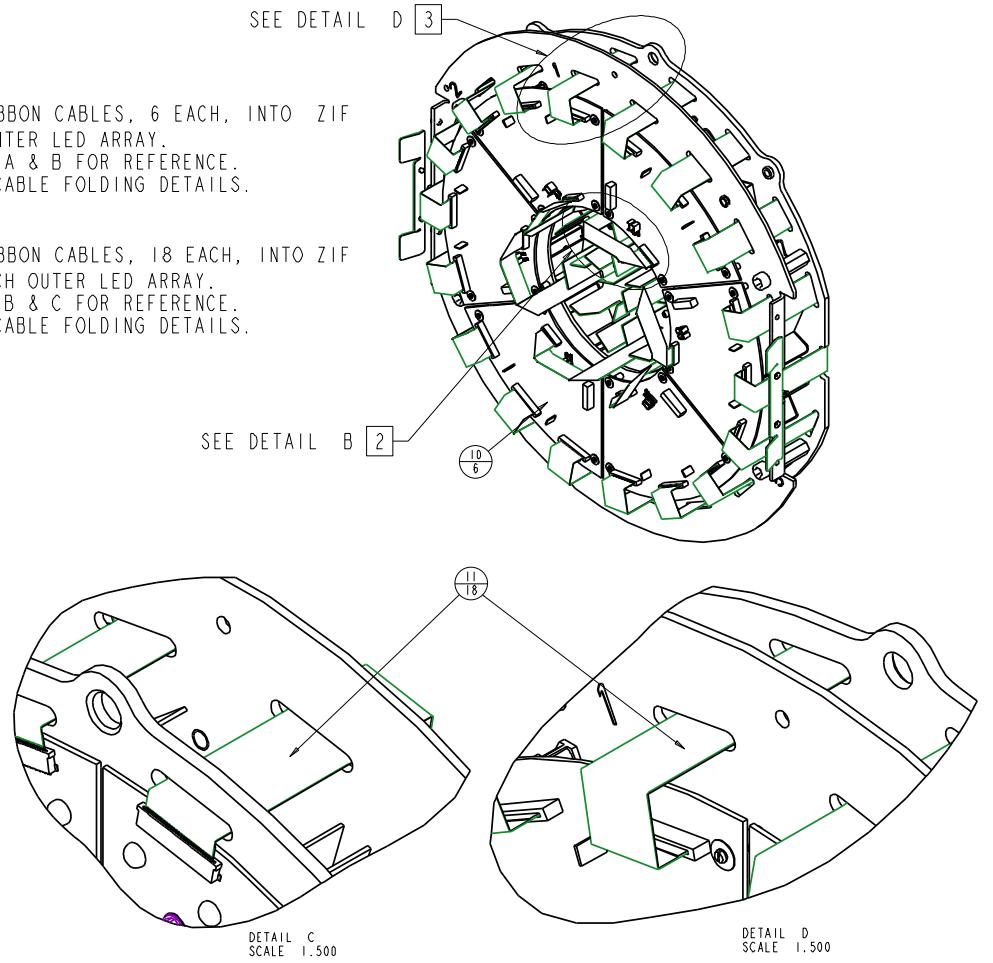
DETAIL E
SCALE 3.000

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	ENG:	QA:		
	ME:	DRW:		
	MEG:			
DESCRIPTION:				
FOR PAINTED PARTS REFER TO ENG. SPEC. MANUAL WI-0592	MATERIAL:	FINISH:		
ALL COMPONENTS, MATERIALS AND FINISHES TO BE RoHS COMPLIANT				
MIN. DRAFT	INTERPRET DIMENSIONS PER ASME Y14.5M-1994 THIRD ANGLE PROJECTION DIMENSIONS ARE IN MILLIMETERS	SI METRIC A1	PART NO. TBD	DRAWING NO. TZA004
MIN. RADII			DO NOT SCALE	SCALE: 1.000
FLATNESS				SHEET: 4 OF 8
FINISHES				
VOLUME				
				REV. 1



- 2 INSERT 16 PIN RIBBON CABLES, 6 EACH, INTO ZIF CONNECTORS ON CENTER LED ARRAY. USE DETAIL VIEWS A & B FOR REFERENCE. SEE SHEET 5 FOR CABLE FOLDING DETAILS.
- 3 INSERT 26 PIN RIBBON CABLES, 18 EACH, INTO ZIF CONNECTORS ON EACH OUTER LED ARRAY. USE DETAIL VIEWS B & C FOR REFERENCE. SEE SHEET 5 FOR CABLE FOLDING DETAILS.



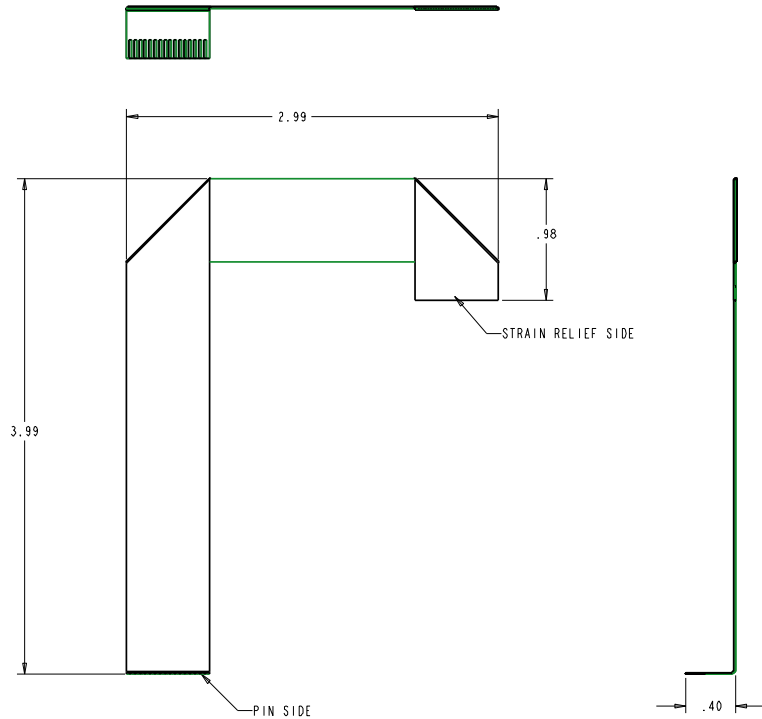
UNLESS OTHERWISE SPECIFIED		RELEASE DATE:	CE:	High End 2105 GRACY FARMS LANE AUSTIN, TEXAS 78158 (512) 836-2242 FAX (512) 832-4128 ***** http://www.highend.com	L LIGHTWAVE RESEARCH
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FOR PAINTED PARTS REFER TO ENG. SPEC. MANUAL WI-0592		ME:	DRW: PETE PHILLIPS	DESCRIPTION: HEAD, ASM, SHOWPIX	
ALL COMPONENTS, MATERIALS AND FINISHES TO BE RoHS COMPLIANT		MATERIAL:	FINISH:		
MIN. DRAFT		INTERPRET DIMENSIONS PER ASME Y14.5M-1994 THIRD ANGLE PROJECTION DIMENSIONS ARE IN MILLIMETERS		PART NO. 80450096	DRAWING NO. TZA004
MIN. RADII		SI METRIC A1		DO NOT SCALE	SCALE: 0.200
FLATNESS		VOLUME		SHEET: 5 OF 8	
THICKNESS				REV. B	

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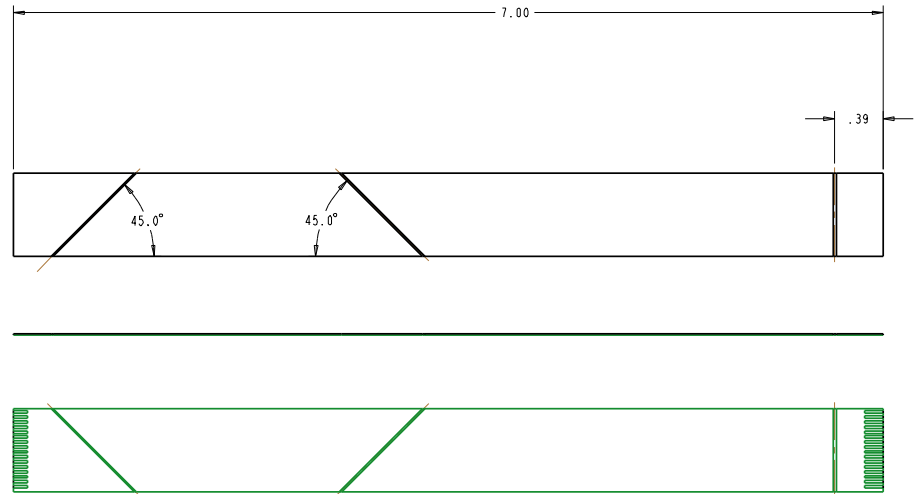
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TZA004

4. USE FLAT VIEW BELOW AS A GUIDE TO BENDING RIBBON CABLE.
SCALE IS 1:1 IF PRINTED ON 11x17 SHEET.





SCALE 2.090

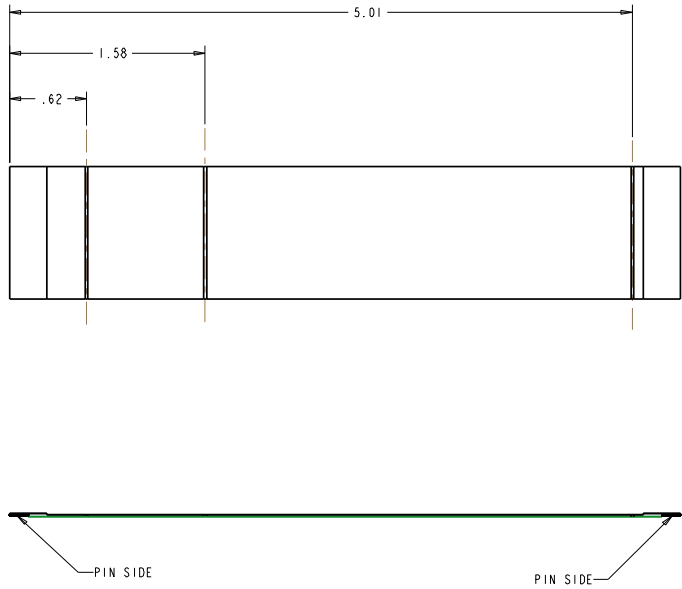
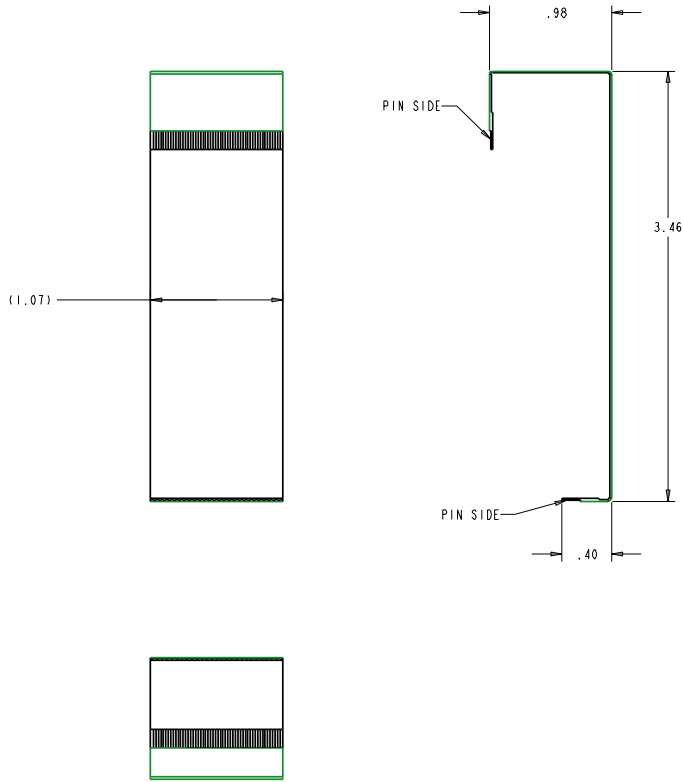


SCALE 2.090

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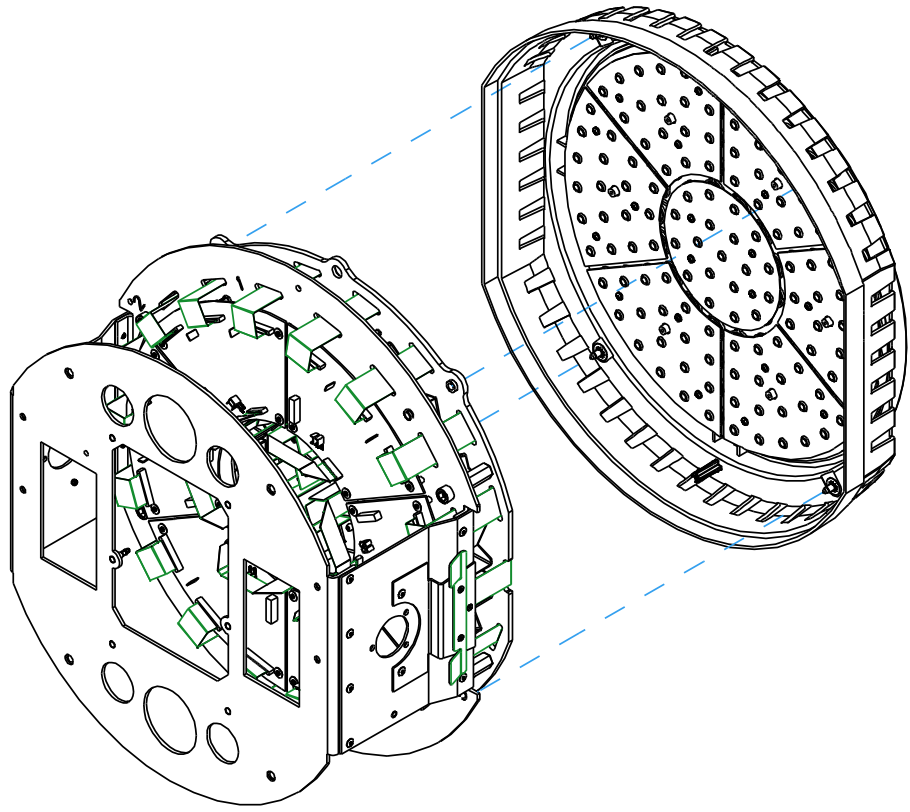
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FOR PAINTED PARTS REFER TO ENG. SPEC. MANUAL WI-0592		MATERIAL:	DESCRIPTION: HEAD, ASM, SHOWPIX			
ALL COMPONENTS, MATERIALS AND FINISHES TO BE RoHS COMPLIANT		FINISH:		MATERIAL:		
MIN. DRAFT		INTERPRET DIMENSIONS PER ASME Y14.5M-1994 THIRD ANGLE PROJECTION		PART NO.		DRAWING NO.
MIN. RADIUS		DIMENSIONS ARE IN MILLIMETERS		80450096		TZA004
FLATNESS		SI METRIC A1		DO NOT SCALE		SCALE: 0.200
THICKNESS		VOLUME		SHEET: 6 OF 8		REV. B

5. USE FLAT VIEW BELOW AS A GUIDE TO BENDING RIBBON CABLE.
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FOR PAINTED PARTS REFER TO ENG. SPEC. MANUAL WI-0592		MATERIAL: CHARTRED		FINISH:	
ALL COMPONENTS, MATERIALS AND FINISHES TO BE RoHS COMPLIANT		DESCRIPTION: HEAD, ASM, SHOWPIX		PART NO. 80450096	
MIN. DRAFT MIN. RADIUS FLATNESS FINISHNESS VOLUME		INTERPRET DIMENSIONS PER ASME Y14.5M-1994 THIRD ANGLE PROJECTION DIMENSIONS ARE IN MILLIMETERS		DRAWING NO. TZA004 REV. B	
		SI METRIC A1		DO NOT SCALE SCALE: 0.200 SHEET: 7 OF 8	



SCALE 0.500

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FOR PAINTED PARTS REFER TO ENG. SPEC. MANUAL WI-0592		DESCRIPTION:		MATERIAL:	
ALL COMPONENTS, MATERIALS AND FINISHES TO BE RoHS COMPLIANT		HEAD, ASM, SHOWPIX		CHARTRED	
MIN. DRAFT		FINISH:		PART NO.	
MIN. RADIUS		INTERPRET DIMENSIONS PER ASME Y14.5M-1994		DRAWING NO.	
FLATNESS		THIRD ANGLE PROJECTION		80450096 TZA004	
THICKNESS		DIMENSIONS ARE IN MILLIMETERS		REV.	
VOLUME		 DO NOT SCALE		B	
		SCALE: 0.200		SHEET: 8 OF 8	

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