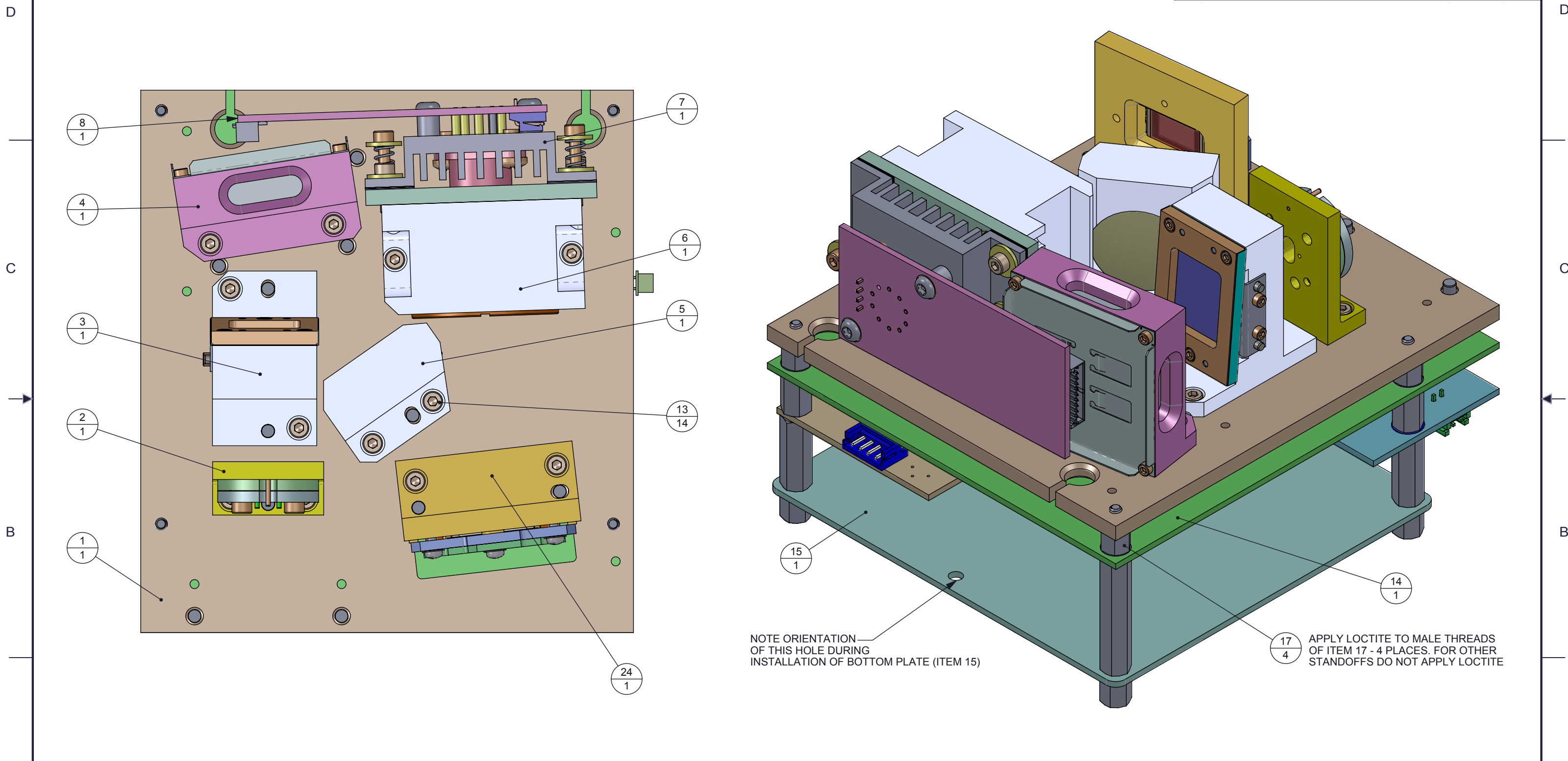


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REVISIONS			
REV	DESCRIPTION	DATE	BY
A	ECO #2136196 - INITIAL RELEASE	9/14/13	RDR
B	ADDED FAN, BOTTOM PLATE	10/4/13	RDR
C	UPDATED ITEMS 3 AND 6	10/30/13	SS
D	REVISED HARDWARE TO MOUNT FAN	1/20/2014	RDR
E	ADDED DAUGHTER CARDS	3/14/2014	



SEE SHEET 4 FOR BILL OF MATERIALS

THIRD ANGLE  
PROJECTION

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED

- DIMENSIONS ARE IN MILLIMETERS
- TOLERANCES: ANGLES  $\pm 1^\circ$   
2 PLACE DECIMALS  $\pm 0.25$   
1 PLACE DECIMALS  $\pm 0.50$
- DIMENSIONAL LIMITS APPLY BEFORE PROCESSES
- INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5M-1994
- REMOVE ALL BURRS AND SHARP EDGES
- PARENTHETICAL INFO FOR REF ONLY

DWN R ROWE	DATE 9/14/2013
Engr	
CQE/QA	
CM	
Apprvd	

TEXAS INSTRUMENTS	
CORE ASSEMBLY - DLP SPECTRA EVM	
SIZE B	DWG NO 2513353
SCALE 1.2:1	REV E
SHEET 1 OF 4	

D

C

B

A

D

C

B

A

SHIMS - USE DURING DETECTOR  
ALIGNMENT PROCESS

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2

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6

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2

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14

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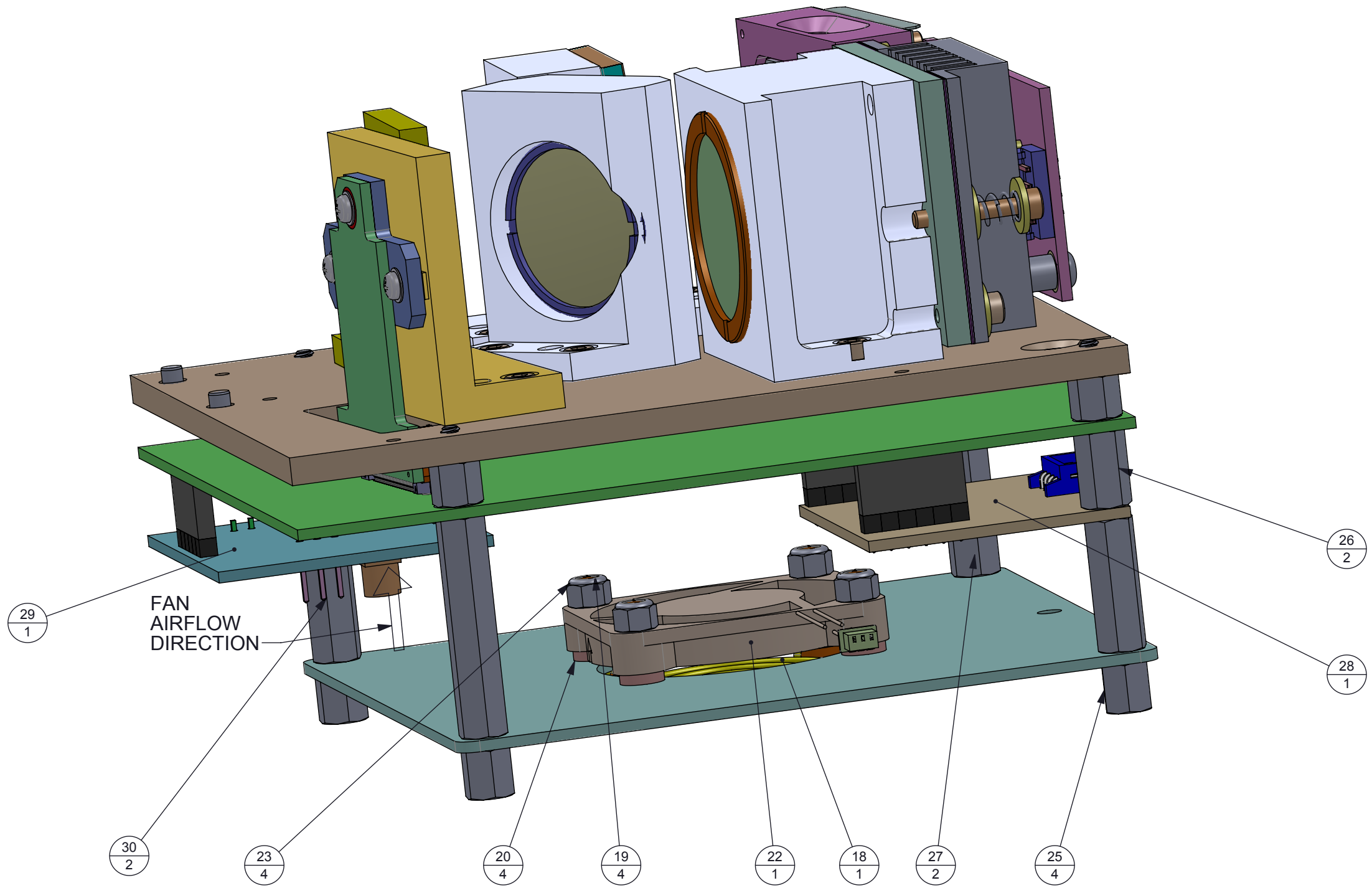
C

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DWG NO

SHEET  
4

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A

2	30	93620A434	STANDOFF, .250HEX 4-40 X .75IN MF - MC 93620A434
1	29	2513439	PCB MECH FORM FACTOR SPECIFICATIONS - LAMP DRIVER PCB
1	28	2513438	PCB MECH FORM FACTOR SPECIFICATION - TEC DRIVER PCB
2	27	STANDOFF, .250HEX 4-40 X 1.25IN MF - MC 93620A437	STANDOFF, .250HEX 4-40 X 1.25IN MF - MC 93620A437
2	26	STANDOFF, .250HEX 4-40 X .437IN MF - MC93620A729	STANDOFF, .250HEX 4-40 X .437IN MF - MC93620A729
4	25	STANDOFF, .250HEX 4-40 X .312IN MF - 93620A717	STANDOFF, .250HEX 4-40 X .312IN MF - 93620A717
1	24	2513362	S241 DMD MODULE ASSEMBLY
4	23	90576A102	NUT, M3, NYLON LOCKING, MC90576A102
1	22	2513403	FAN ASSEMBLY
4	20	WASHER, RUBBER, .12 ID x.25 OD x .06THK	WASHER, RUBBER, .12 ID x.25 OD x .06THK
4	19	92005a124	SCREW M3 x. 14MM LG PAN PHIL (MCMaster-CARR)
1	18	19155K91	40MM FAN GUARD (MCMaster-CARR)
4	17	STANDOFF, .250HEX 4-40 X .25 IN MF - SS	STANDOFF, .250HEX 4-40 X .25 IN MF - SS
1	15	2513396	BOTTOM PLATE - FABRICATION
1	14	2513366	PCB MECHANICAL SPECIFICATIONS - SPECTRO PCB
14	13	SCREW M2.5 x 0.45 x 6.0LG SHCS	SCREW M2.5 x 0.45 x 6.0LG SHCS
2	12	SCREW M2.5 x 0.45 x 16.0LG SHCS	SCREW M2.5 x 0.45 x 16.0LG SHCS
2	11	COIL SPRING - LeeSpring-LC020B01S	COIL SPRING - LeeSpring-LC020B01S
6	10	WASHER, FLAT, 3.14MM ID X 8MM OD	WASHER, FLAT, 3.14MM ID X 8MM OD
2	9	SCREW 4-40X.25 BUTTON HEAD TORX	SCREW 4-40X.25 BUTTON HEAD TORX
1	8	2513367	PCB MECHANICAL SPECIFICATIONS - DETECTOR PCB
1	7	2513361	DETECTOR MODULE ASSEMBLY
1	6	2513360	LENS 3-4-5 MODULE ASSEMBLY
1	5	2513357	LENS 2 MODULE ASSEMBLY
1	4	2513358	GRATING MODULE ASSEMBLY
1	3	2513356	LENS 1 MODULE ASSEMBLY
1	2	2513355	OPTICAL SLIT MODULE ASSEMBLY
1	1	2513376	BASE PLATE ASSY
QTY	ITEM	PART NUMBER	DESCRIPTION
Part List			

TEXAS  
INSTRUMENTS

DWN  
R ROWE

DATE  
9/14/2013

SIZE  
B

DWG NO  
2513353

REV  
E

SCALE 1.5:1

SHEET 4 OF 4

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SW-2010a