

NOTES: UNLESS OTHERWISE SPECIFIED:

8X  $\phi$  7.00 KEEPOUT AREA  
(THIS SIDE AND OPP SIDE)

4X  $\phi$  3.81 THRU

24.42

117.42

110.82  
106.24

7° REF

23.60

43.25

19.81

4.58  
0

20.40

23.09

24.42

2X  $\phi$  1.45 THRU

SEE SAMTEC DATA SHEET  
FOR SPECIFIC FOOTPRINT

1

117.42  
122.00

SEE SHEET 2 FOR OPPOSITE (TALL COMPONENT)  
SIDE OF BOARD

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DWG NO 2513366		SHEET 1	1
REVISIONS			
REV	DESCRIPTION	DATE	BY
A	ECO #2136196 - INITIAL RELEASE	9/20/13	RDR
B	ADDED AREAS FOR DAUGHTER BOARDS	9/25/13	RDR

TALL COMPONENTS, DAUGHTER  
BOARDS AND ALL I/O CONNECTORS  
TO BE MOUNTED THIS SIDE

NO COMPONENTS TALLER  
THAN .150" (3.8MM) THIS SIDE  
EXCLUDING 80 PIN SAMTEC CONNECTOR


NO COMPONENTS TALLER  
THAN .150" (3.8MM) THIS SIDE  
EXCLUDING 80 PIN SAMTEC CONNECTOR

[.062]  
1.57

2

1

1	2	CONNECTOR - SAMTEC ERM5-040-04.0-X-DV-K	CONNECTOR - SAMTEC ERM5-040-04.0-X-DV-K	
1	1	2513366	PCB MECHANICAL SPECIFICATIONS - SPECTRA PCB	
QTY	ITEM	PART NUMBER	DESCRIPTION	Notes
Part List				

		<div>UNLESS OTHERWISE SPECIFIED</div> <ul style="list-style-type: none"><li>DIMENSIONS ARE IN MILLIMETERS</li><li>TOLERANCES: ANGLES <math>\pm 1^\circ</math><div>2 PLACE DECIMALS <math>\pm 0.25</math></div><div>1 PLACE DECIMALS <math>\pm 0.50</math></div></li><li>DIMENSIONAL LIMITS APPLY BEFORE PROCESSES</li><li>INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5M-1994</li><li>REMOVE ALL BURRS AND SHARP EDGES</li><li>PARENTHETICAL INFO FOR REF ONLY</li></ul>	DWN RD ROWE	DATE 8/27/2013	<div> TEXAS INSTRUMENTS</div> <div>PCB MECHANICAL SPECIFICATIONS - SPECTRA PCB</div>		
			Engr				
			CQE/QA				
			CM		SIZE	DWG NO	REV
					B	2513366	B
					SCALE 1:1		SHEET 1 OF 2
				Apprvd			
NEXT ASSY	USED ON						
APPLICATION							



D

C

B

A

D

C

B

A

