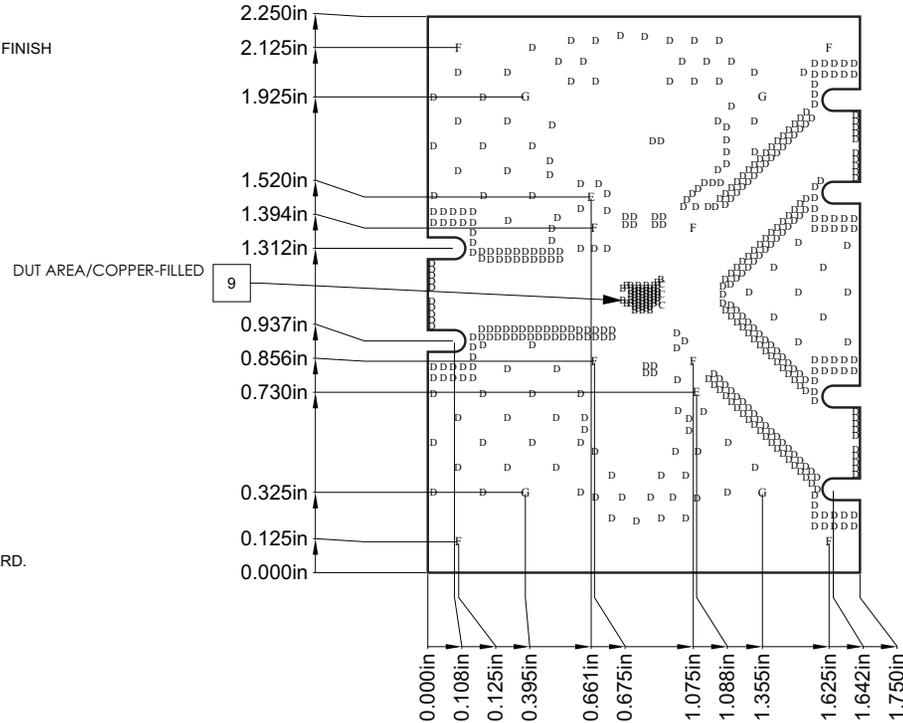


**NOTES (UNLESS OTHERWISE SPECIFIED):**

1. BOARD FABRICATION METHODS MUST COMPLY WITH:  
FABRICATE IN ACCORDANCE WITH IPC-6018B, per IPC-6011, CLASS 2.
2. ARTWORK FORMAT: GERBER 274X  
GERBER DATA SUPPLIED WITH DESIRED FINAL TRACE WIDTHS. PROCESS  
COMPENSATION TRACE WIDTH ADJUSTMENTS TO BE DONE BY PCB FABRICATOR
3. MATERIAL:  
NUMBER OF LAYERS: 2 LAYERS  
METAL 1 0.5oz. (PLATE TO 1.0oz)  
CORE 1: ROGERS 4003C, .008in. THICK  
METAL 2 0.5oz. (PLATE TO 1.0oz)  
SOLDERMASK TOP: LPI (LIQUID PHOTO-IMAGEABLE), GREEN OR LDI (LASER DIRECT IMAGEABLE), GREEN. MAX FINISH  
THICKNESS OF SOLDERMASK TO BE 0.001in.  
SILKSCREEN TOP: HIGH TEMPERATURE, NON-CONDUCTIVE, WHITE EPOXY BASED INK.
4. FINISH PLATING:  
METAL 1(TOP) AND METAL 2(BOTTOM):  
ELECTROLYTIC FLASH GOLD  
NICKEL PLATE per QQ-N-290, CLASS 1, GRADE G, 200µin. (5µm)  
GOLD PLATE per ASTM B 488, TYPE III, CODE A, 3-10µin. (0.08-0.25µm)
5. FINISHED BOARD THICKNESS: (0.011in) ±.003IN.
6. COPPER IS PULLED BACK PER GERBER DATA FROM EDGE OF BOARD ON  
METAL 1 (TOP) AND METAL 2 (BOTTOM).
7. TOLERANCE: PC BOARD OUTLINE: ±0.002in.
8. BURRS SHALL NOT EXCEED 0.002in.
- 9 VIA PLATING/FILLING:  
A. ALL 8 MIL (A) VIAS UNDER THE DUT ARE TO BE COPPER-FILLED, OVER-PLATED AND PLANARIZED.  
B. ALL OTHER VIAS ARE TO BE NON-CONDUCTIVE EPOXY FILLED, OVER-PLATED AND PLANARIZED.  
C. ALL OTHER PLATED THRU HOLES TO BE PLATED TO 0.0007in. MIN. THICKNESS.
10. METAL 1(TOP) AND METAL2(BOTTOM) AFTER OVERPLATING AND PLANARIZATION SHALL HAVE A MAX  
ALLOWABLE NEGATIVE FEATURE OF 0.0008in. AND A MAX ALLOWABLE POSITIVE FEATURE OF 0.0003in.
11. FINISHED Cu THICKNESS TO BE 0.0014 ±0.0004in.
12. CONDUCTOR WIDTHS AND SPACING TO BE WITHIN 0.003in. OF CAD DATABASE.
13. SOLDERMASK IN PLATED-THRU HOLES IS ACCEPTABLE AS LONG AS IT DOES NOT EXIST ON BACKSIDE OF BOARD.
14. ALL HOLES TO BE LOCATED WITHIN ±0.003 OF CAD DATABASE.
15. NO VENDOR MARKING OR SERIALIZATION ALLOWED.
16. DELIVER BOARDS BAGGED AS SINGLES
17. NO ELECTRICAL TEST NEEDED.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVAL
A	NEW RELEASE	12/14/17	O.MARRUFO



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		SAP NO. 286584			
TOLERANCES .XX = ±.01 .XXX = ±.005 .XXXX = ±.0010 ANGLES = ± 0.5°		APPROVAL AND RELEASE RECORDS MAINTAINED IN PDE			
INTERPRET DRAWING PER ANSI/ASME Y14.5 - 2009		DESIGNER: O.MARRUFO	DATE: 12/14/17	SIZE DWG. NO.	
 THIRD ANGLE PROJECTION DO NOT SCALE DRAWING		ENGR: D.WOHLERT	MFG	<b>B</b> QPF4001-4000	
		MANAGER: Q.A.	PDE CONTROLLED		REV. <b>A</b>
		CAGE CODE	<b>1CVM1</b>		SCALE: 1:1
				SHEET 1 OF 4	

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