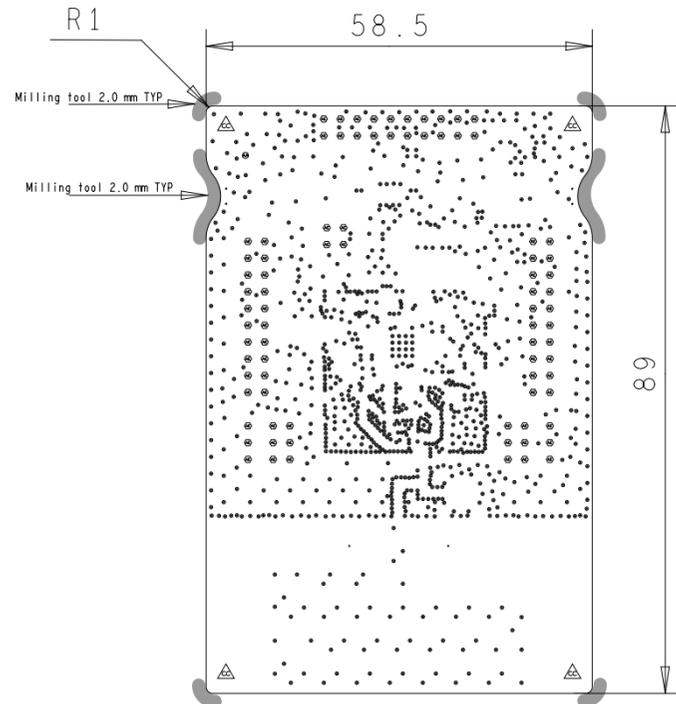
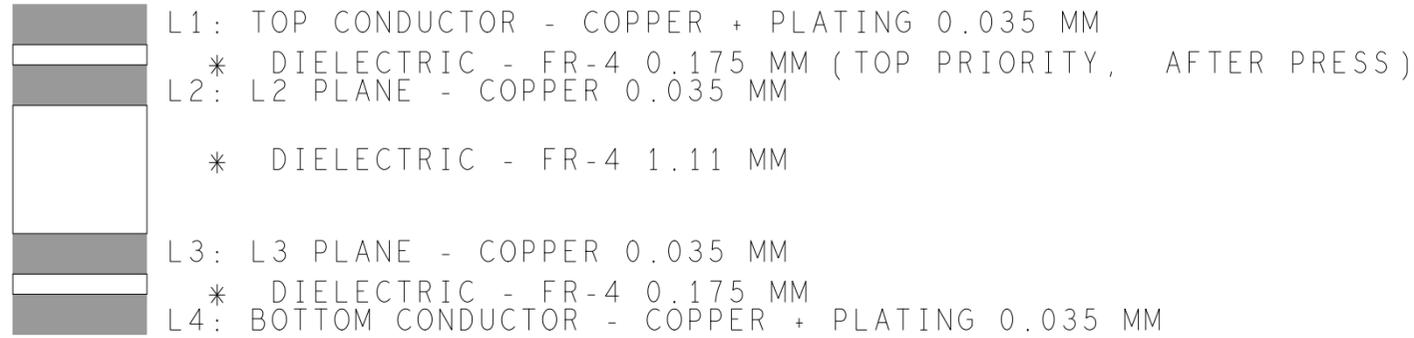


DESIGN CROSS SECTION CHART
TOTAL THICKNESS 1.6 MM



DRILL CHART: TOP to BOTTOM
ALL UNITS ARE IN MILLIMETERS

FIGURE	FINISHED_SIZE	PLATED	QTY
•	0.2	PLATED	1022
•	1.05	PLATED	82
•	1.1	PLATED	1
▲	3.2	PLATED	4
•	0.899	NON-PLATED	4
•	3.2	NON-PLATED	2

DESIGN INFORMATION	
MIN. TRACK WIDTH:	0.15 mm
MIN. CLEARANCE:	0.15 mm
MIN. VIA PAD SIZE:	0.40 mm
MINIMUM ANNULAR RING 0.05mm (2MIL) EXTERNAL PER IPC-D-275 CLASS 2 LEVEL C	
REGISTRATION TOLERANCES: METAL +/-150 um, HOLES +/-80 um	
HOLE SIZE TOLERANCE (UNLESS OTHERWISE SPECIFIED): +/-80 um	
MATERIAL:	
<input checked="" type="checkbox"/> FR-4	<input type="checkbox"/> FR-4 High Tg <input type="checkbox"/> OTHER _____
THICKNESS: <input checked="" type="checkbox"/> 1.6mm +/-10%	<input type="checkbox"/> OTHER _____
TOLERANCE:	<input checked="" type="checkbox"/> ANSI IPC-6012 TYPE 3 CLASS 2 <input type="checkbox"/> OTHER +/- _____
BOW & TWIST:	<input checked="" type="checkbox"/> ANSI IPC-6012 TYPE 3 CLASS 2 <input type="checkbox"/> OTHER +/- _____
DRILLING:	
REFERENCE:	<input type="checkbox"/> AS SHOWN <input checked="" type="checkbox"/> NC_DRILL FILES
PTH COPPER THICKNESS:	<input checked="" type="checkbox"/> 20-30 um <input type="checkbox"/> OTHER _____
BOARD FINISH:	
SILKSCREEN:	<input checked="" type="checkbox"/> TOP <input checked="" type="checkbox"/> BOTTOM
SILKSCREEN COLOR:	<input checked="" type="checkbox"/> WHITE <input type="checkbox"/> OTHER _____
SILKSCREEN RESIST COLOR:	<input type="checkbox"/> GREEN <input checked="" type="checkbox"/> OTHER RED <input checked="" type="checkbox"/> MATTE <input type="checkbox"/> SEMI-GLOSS
SURFACE FINISH:	<input checked="" type="checkbox"/> IMMERSION GOLD (ENIG) <input type="checkbox"/> ENIG <input type="checkbox"/> IMM. TIN/SILVER OR EQUIV <input type="checkbox"/> OTHER _____
ARRAY/PANEL:	<input type="checkbox"/> CUT AND TRIM PER M1 BOARD OUTLINE <input type="checkbox"/> N.C. ROUTE <input checked="" type="checkbox"/> V. SCORE
CERTIFICATION: MATERIALS AND WORKMANSHIP FOR ALL PCBs TO MEET OR EXCEED THE REQUIREMENTS OF:	
<input checked="" type="checkbox"/> ANSI IPC-A-600F CLASS	-> <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> RoHS <input type="checkbox"/> OTHER PER ORDER
ALL BOARDS MUST MEET OR EXCEED UL94-V0 REQUIREMENTS.	
PCB MUST BEAR THE UL94V-0 UL REG. MATERIAL ID NUMBER: BOTTOM LAYER	
ADDITIONAL REQUIREMENTS:	
MICROSECTION: <input type="checkbox"/> YES	
BARE BOARD ELEC. TEST: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> REQUIRED <input type="checkbox"/> PER ORDER	
<input type="checkbox"/> XX MIL VIAS REQUIRE NON-CONDUCTIVE FILL AND PLANARIZE	
<input type="checkbox"/> XX MIL VIAS REQUIRE CONDUCTIVE FILL AND PLANARIZE	
<input type="checkbox"/> OUTER XX MIL VIAS REQUIRE 50 OHM SINGLE-ENDED IMPEDANCE	
<input type="checkbox"/> LAYER 2 & 3 (INNER LAYERS) XX MIL WIDE, XX MIL SPACE TRACES REQUIRE 100 OHM DIFFERENTIAL IMPEDANCE	
TITLE: LP-EM-CC1354P10-6	
PROJECT NUMBER: MCU088	
FILE NAME: LP-EM-CC1354P10-6.brd	
DESIGNER: BK	DATE: 2023-11-1
REVISION: B	
ALLEGRO DESIGNER VERSION: 17.4	
SCALE: 1.00	

TEXAS INSTRUMENTS	
DRILL	LP-EM-CC1354P10-6 Rev. B
DATE: 2023-11-1	

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