



Symbol	Hit Count	Tool Size	Plated	Hole Type
○	4	0.5mm (19.685mil)	NPTH	Round
□	12	0.5mm (19.685mil)	PTH	Round
☆	4	0.7mm (27.559mil)	PTH	Round
⊗	3	0.75mm (29.528mil)	PTH	Round
☆	2	0.85mm (33.465mil)	PTH	Round
▽	4	0.889mm (35mil)	PTH	Round
◇	2	0.9mm (35.433mil)	PTH	Round
⊗	4	0.92mm (36.221mil)	PTH	Round
⊗	2	1mm (39.37mil)	PTH	Round
○	2	1.2mm (47.244mil)	NPTH	Round
□	8	1.2mm (47.244mil)	PTH	Round
⊗	2	1.6mm (63mil)	PTH	Round
▽	2	2.3mm (90.551mil)	PTH	Round
⊗	4	3.2mm (125.984mil)	PTH	Round
	55 Total			

Drill Table

DESIGN INFORMATION	
BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)	
85.5	X 55 mm
Number of Layers : <u>2</u>	
MIN. TRACK WIDTH: <u>20</u> MIL	
MIN. CLEARANCE: <u>10</u> MIL	
MIN. VIA PAD SIZE: <u>40</u> MIL	
MINIMUM ANNULAR RING 0.05mm (2MIL) EXTERNAL	
PER IPC-D-275 CLASS 2 LEVEL C	
REGISTRATION TOLERANCES: METAL +/- <u>5</u> MIL, HOLES +/- <u>3</u> MIL	

MATERIAL:	
<input type="checkbox"/> FR-408	<input checked="" type="checkbox"/> FR-4 High Tg <input type="checkbox"/> OTHER _____
THICKNESS: <input checked="" type="checkbox"/> 62 MIL (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 +/- _____

COPPER THICKNESS (FINISHED):	
OUTER: <input type="checkbox"/> 1.4MIL (1oz)	<input checked="" type="checkbox"/> 2MIL (1.4oz) <input type="checkbox"/> 2.8MIL (2oz)
INNER SIGNAL: <input type="checkbox"/> 1.4MIL (1oz)	<input type="checkbox"/> 2.8MIL (2oz) <input checked="" type="checkbox"/> N/A

DRILLING:	
REFERENCE: <input checked="" type="checkbox"/> AS SHOWN	<input checked="" type="checkbox"/> NC DRILL FILES
PTH MIN COPPER THICKNESS: <input checked="" type="checkbox"/> 1MIL	<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 _____
SOLDER RESIST COLOR:	
<input checked="" type="checkbox"/> GREEN	<input type="checkbox"/> BLUE <input type="checkbox"/> OTHER _____

SURFACE FINISH:	
<input type="checkbox"/> IMMERSION GOLD (ENIG)	<input type="checkbox"/> ENEPIG
<input type="checkbox"/> IMM. TIN/SILVER OR EQUIV	<input checked="" type="checkbox"/> OTHER <u>LEAD FREE HASL</u>

ARRAY/PANEL:	<input type="checkbox"/> CUT AND TRIM PER MECH LAYER 1
	<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"/> UL 94V-0 <input checked="" type="checkbox"/> RoHS	<input type="checkbox"/> OTHER <u>PER ORDER</u>

ADDITIONAL REQUIREMENTS:	
MICROSECTION:	<input type="checkbox"/> YES
BARE BOARD ELEC. TEST:	<input type="checkbox"/> NONE <input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> PER ORDER
MANUFACTURER'S UL:	<input type="checkbox"/> RAIL <input type="checkbox"/> METAL <input checked="" type="checkbox"/> SILK



PROJECT TITLE: UCC28720	
DESIGNED FOR: Public Release	
FILE NAME: PMP9517.PcbDoc	
ENGINEER: John Griffin	LAYOUT BY: Brian Gaynor
SCALE: 1.00	ALTUM DESIGNER VERSION: 10.0.0.27009