



Symbol	Hit Count	Tool Size	Plated	Hole Type
▽	7	0.5mm (19.685mil)	NPTH	Round
A	1	0.711mm (28mil)	PTH	Round
◇	1	0.712mm (28.012mil)	PTH	Round
○	10	0.85mm (33.465mil)	PTH	Round
☆	2	0.914mm (35.984mil)	PTH	Round
▽	4	1.016mm (40mil)	PTH	Round
✕	4	1.05mm (41.339mil)	PTH	Round
□	2	1.067mm (42mil)	PTH	Round
C	1	1.092mm (42.992mil)	PTH	Round
D	1	1.092mm (43mil)	PTH	Round
E	2	1.1mm (43.307mil)	PTH	Round
◇	4	1.15mm (45.276mil)	PTH	Round
□	4	1.151mm (45.3mil)	PTH	Round
⊗	3	1.27mm (50mil)	PTH	Round
⊕	3	1.3mm (51.181mil)	PTH	Round
○	5	1.321mm (52mil)	PTH	Round
☆	4	1.5mm (59.055mil)	PTH	Round
☆	8	1.6mm (63mil)	PTH	Round
F	4	1.7mm (66.929mil)	PTH	Round
✕	21	2mm (78.74mil)	PTH	Round
B	4	2.083mm (82mil)	PTH	Round
⊗	4	3.5mm (137.795mil)	PTH	Round
99 Total				

Drill Table

DESIGN INFORMATION

BOARD SIZE (REFER TO ARRAY/PANEL PROFILING INFORMATION)

Number of Layers : 2

MIN. TRACK WIDTH: 8 MIL

MIN. CLEARANCE: 8 MIL

MIN. VIA PAD SIZE: 16 MIL

MINIMUM ANNULAR RING 0.05mm (2MIL) EXTERNAL

PER IPC-D-275 CLASS 2 LEVEL C

REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 3 MIL

MATERIAL:

☐ FR-408 ☒ FR-4 High Tg ☐ OTHER

THICKNESS: ☒ 62 MIL (1.6mm) +/-10% ☐ OTHER

TOLERANCE: ☒ ANSI IPC-6012 TYPE 3 CLASS 2

☐ OTHER +/-

BOW & TWIST: ☒ ANSI IPC-6012 TYPE 3 CLASS 2

☐ OTHER +/-

COPPER THICKNESS (FINISHED):

OUTER: ☐ 1.4MIL (1oz) ☐ 2MIL (1.4oz) ☒ 2.8MIL (2oz)

INNER SIGNAL: ☐ 1.4MIL (1oz) ☐ 2.8MIL (2oz) ☒ N/A

DRILLING:

REFERENCE: ☒ AS SHOWN ☒ NC\_DRILL FILES

PTH MIN COPPER THICKNESS: ☒ 1MIL ☐ OTHER

BOARD FINISH:

SILKSCREEN: ☒ TOP ☒ BOTTOM

SILKSCREEN COLOR: ☒ WHITE ☐ OTHER

SOLDER RESIST COLOR:

☒ GREEN ☐ BLUE ☐ OTHER

SURFACE FINISH: ☐ IMMERSION GOLD (ENIG) ☐ ENEPIG

☐ IMM. TIN/SILVER OR EQUIV ☒ OTHER Pb FREE HASL

ARRAY/PANEL: ☒ CUT AND TRIM PER MECH LAYER 1

☐ N.C. ROUTE ☐ V. SCORE

CERTIFICATION: MATERIALS AND WORKMANSHIP FOR ALL PCBs TO MEET OR EXCEED THE REQUIREMENTS OF:

☒ ANSI IPC-A-600F CLASS -> ☐ 1 ☒ 2 ☐ 3

☒ UL 94V-0 ☒ RoHS ☐ OTHER PER ORDER

ADDITIONAL REQUIREMENTS:

MICROSECTION: ☐ YES

BARE BOARD ELEC. TEST: ☐ NONE ☒ REQUIRED ☐ PER ORDER

MANUFACTURER'S UL: ☐ RAIL ☐ METAL ☒ SILK



PROJECT TITLE:  
UCC28630

DESIGNED FOR:  
Public Release

FILE NAME:  
PMP9643.PcbDoc

ENGINEER:  
Billy Long

LAYOUT BY:  
Brian Gaynor

SCALE: 1.09

ALTUM DESIGNER VERSION:  
10.0.0.27009

