

TABLE II - BASE MATERIALS

| Type  | Base Material &           |        |  |                      |                                |        |                |                      | Total Build-Up Thk. mm (in.) | Conductor Thickness # mic (mils) | PWB Mfg. Proc. | Meets UL 746E DSR | CTI V (PLC) |
|-------|---------------------------|--------|--|----------------------|--------------------------------|--------|----------------|----------------------|------------------------------|----------------------------------|----------------|-------------------|-------------|
|       | Individual Laminate Matl. |        |  |                      | Individual Bonding Sheet Matl. |        |                |                      |                              |                                  |                |                   |             |
|       | UL/ANSI Grade             | Mfr. + | Grade  | Min. Thk. mic (mils) | UL/ANSI Grade                  | Mfr. + | Grade          | Min. Thk. Mic (mils) |                              |                                  |                |                   |             |
| 02SAS | FR-4                      | PE     | R-1750, R-1752, R-1755, R-1757, R-1758, R-1750S, R-1752S, R-1755 | 50.8 (2)             | FR-4                           | PE     | R-1650, -1650S | 50.8 (2)             | 0.50 (0.020)                 | E: 12 (0.47)<br>I: 35 (1.38)     | LF             | Y                 | -           |
|       | FR-4                      | H      | MCL-E-73   | 50.8 (2)             | FR-4                           | H      | GEA-73N        | 50.8 (2)             | 0.50 (0.020)                 | E: 12 (0.47)<br>I: 35 (1.38)     | LF             | Y                 | -           |
|       | FR-4                      | H      | MCL-E-679F   | 50.8 (2)             | FR-4                           | H      | GEA-679F       | 50.8 (2)             | 0.50 (0.020)                 | E: 12 (0.47)<br>I: 35 (1.38)     | LF             | Y                 | -           |

& - Recognized Component, (QMTS2)

+ - PE: Panasonic Electric Works Co. Ltd. (E81336); H: Hitachi (E41625)

# - I = Maximum internal thickness; E = Minimum external thickness