

Cross Section

| | Subclass Name | Type | Material | Thickness (MIL) | Conductivity (mho/cm) | Dielectric Constant | Negative Artwork | Shield |
|----|---------------|------------|----------------|-----------------|-----------------------|---------------------|--------------------------|-------------------------------------|
| 1 | | SURFACE | AIR | | | | | |
| 2 | | DIELECTRIC | CONFORMAL_COAT | 0.787402 | 0 | 3.000000 | | |
| 3 | TOP | CONDUCTOR | COPPER | 0.6 | 595900 | 1.000000 | <input type="checkbox"/> | |
| 4 | | DIELECTRIC | FR-4 | 3.8 | 0 | 4.500000 | | |
| 5 | LAYER2 | PLANE | COPPER | 0.6 | 595900 | 1.000000 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6 | | DIELECTRIC | FR-4 | 5 | 0 | 4.140000 | | |
| 7 | LAYER3 | CONDUCTOR | COPPER | 0.6 | 595900 | 1.000000 | <input type="checkbox"/> | |
| 8 | | DIELECTRIC | FR-4 | 7 | 0 | 4.190000 | | |
| 9 | LAYER4 | PLANE | COPPER | 0.6 | 595900 | 1.000000 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10 | | DIELECTRIC | FR-4 | 21 | 0 | 4.140000 | | |
| 11 | LAYER5 | PLANE | COPPER | 0.6 | 595900 | 1.000000 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 12 | | DIELECTRIC | FR-4 | 7 | 0 | 3.900000 | | |
| 13 | LAYER6 | CONDUCTOR | COPPER | 0.6 | 595900 | 1.000000 | <input type="checkbox"/> | |
| 14 | | DIELECTRIC | FR-4 | 5 | 0 | 4.140000 | | |
| 15 | LAYER7 | PLANE | COPPER | 0.6 | 595900 | 1.000000 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 16 | | DIELECTRIC | FR-4 | 3.8 | 0 | 4.190000 | | |

Total Thickness:

57.4 MIL

Initialize Conductive Layer Dielectric: Dielectric Constant:

[Custom Values]

1.000000

Loss Tangent:

0

Differential Mode

Autosolve Mode

OK

Apply

Cancel

Refresh Materials ->

Help

Film Control General Parameters

Available films

- BOTASM
- BOTMSK
- BOTPST
- BOTSLK
- BOTTOM
- FABDWG
- LAYER2
 - VIA CLASS/LAYER2
 - PIN/LAYER2
 - ETCH/LAYER2
 - DRAWING FORMAT/OUTLINE
 - DRAWING FORMAT/TITLE_BLOCK
 - DRAWING FORMAT/TITLE_DATA
 - DRAWING FORMAT/TITLE_TOP
 - BOARD GEOMETRY/OUTLINE
- LAYER3
- LAYER4
- LAYER5
- LAYER6
- LAYER7
- TOP
- TOPASM
- TOPMSK
- TOPPST
- TOPSLK

Select all Add...

Check database before artwork

Create Artwork

Film options

Film name: LAYER2

Rotation: 0

Offset X: 10000.00

Y: 10000.00

Undefined line width: 5.00

Shape bounding box: 100.00

Plot mode: Positive Negative

Film mirrored

Full contact thermal-reliefs

Suppress unconnected pads

Draw missing pad apertures

Use aperture rotation

Suppress shape fill

Vector based pad behavior