|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Layer Extension** | **Description** | **Class** | **Subclass** | **Index** | **Attached to** |
| \_tsttl | ET test points | Extra | test points | 1 | Top |
| \_midtl | ET midpoints | Extra | midpoints | 1 | Top |
| \_reft | Net list reference | Extra | netref | 1 | Top |
|  |  |  |  |  |  |
| -29 | Hole filler | Extra | hole filler | 1 | Top |
| -28 | Second soldermask | Extra | mask | 2 | Top |
| -27 |  |  |  |  |  |
| -26 | Carbon | Extra | carbon | 1 | Top |
| -25 | Heat sink paste | Extra | heat sink paste | 1 | Top |
| -24 | Peel off | Extra | peel off | 1 | Top |
| -23 | SMD paste | Extra | paste | 1 | Top |
| -22 | Silkscreen | Extra | silk | 1 | Top |
| -21 | Soldermask | Extra | mask | 1 | Top |
|  |  |  |  |  |  |
| -1 | Layer 1 outer TOP | Layer | outer |  |  |
| -2 | Layer 2 inner | Layer | inner |  |  |
| -3 | Layer 3 inner | Layer | inner |  |  |
| -4 | Layer 4 inner | Layer | inner |  |  |
| -5 | Layer 5 inner | Layer | inner |  |  |
| -6 | Layer 6 inner | Layer | inner |  |  |
| -7 | Layer 7 inner | Layer | inner |  |  |
| -8 | Layer 8 inner | Layer | inner |  |  |
| -9 | Layer 9 inner | Layer | inner |  |  |
| -10 | Layer 10 inner | Layer | inner |  |  |
| -11 | Layer 11 inner | Layer | inner |  |  |
| -12 | Layer 12 inner | Layer | inner |  |  |
| -13 | Layer 13 inner | Layer | inner |  |  |
| -14 | Layer 14 inner | Layer | inner |  |  |
| -15 | Layer 15 inner | Layer | inner |  |  |
| -16 | Layer 16 outer BOT | Layer | outer |  |  |
|  |  |  |  |  |  |
| -31 | Soldermask | Extra | mask | 1 | Bottom |
| -32 | Silkscreen | Extra | silk | 1 | Bottom |
| -33 | SMD paste | Extra | paste | 1 | Bottom |
| -34 | Peel off | Extra | peel off | 1 | Bottom |
| -35 | Heat sink paste | Extra | heatsinkpaste | 1 | Bottom |
| -36 | Carbon | Extra | carbon | 1 | Bottom |
| -37 |  |  |  |  |  |
| -38 | Second soldermask | Extra | mask | 2 | Bottom |
| -39 | Hole filler | Extra | hole filler | 1 | Bottom |
|  |  |  |  |  |  |
| \_refb | Net list reference | Extra | netref | 1 | Bottom |
| \_midbl | ET midpoints | Extra | midpoints | 1 | Bottom |
| \_tstbl | ET test points | Extra | test points | 1 | Bottom |
|  |  |  |  |  |  |
| -61 | Routing program | Extra | rout | 1 | None |
| h61 | Routing program | Extra | rout | 2 | None |
| (double tabs) |
| c61 | Routing Program | Extra | rout | 3 | None |
| Edge connector cutting |
| -62 | V-cut (scoring) drawing | Extra | score | 1 | None |
| -63 | Drill map/mechanical drawing | Extra | map | 1 | None |
| -64 | V-cut map | Extra | map | 2 | None |
|  |  |  |  |  |  |
| -code | Coding Layer | Extra | code | 1 | None |
| -40 | Pub Outline | Extra | outline | 1 | None |
|  |  |  |  |  |  |
| -60 | Drill | Drill | plated |  |  |
| -70 | Drill | Drill | unplated |  |  |
| after chem copper |
| -71 | Drill | Drill | blind |  |  |
| blind or buried 1 |
| -72 | Drill | Drill | blind |  |  |
| blind or buried 2 |
| -73 | Drill | Drill | blind |  |  |
| blind or buried 3 |
| -74 | Drill | Drill | blind |  |  |
| blind or buried 4 |
| -75 | Drill | Drill | blind |  |  |
| blind or buried 5 |
|  |  |  |  |  |  |
| -41 | Galvanic film protection | Extra | galvan | 1 | Top |
| blind or buried 1 |
| -42 | Galvanic film protection | Extra | galvan | 2 | Top |
| blind or buried 2 |
| -43 | Galvanic film protection | Extra | galvan | 3 | Top |
| blind or buried 3 |
| -44 | Galvanic film protection | Extra | galvan | 4 | Top |
| blind or buried 4 |
| -45 | Galvanic film protection | Extra | galvan | 5 | Top |
| blind or buried 5 |
| \_41 | Galvanic film protection | Extra | galvan | 1 | Bottom |
| blind or buried 1 |
| \_42 | Galvanic film protection | Extra | galvan | 2 | Bottom |
| blind or buried 2 |
| \_43 | Galvanic film protection | Extra | galvan | 3 | Bottom |
| blind or buried 3 |
| \_44 | Galvanic film protection | Extra | galvan | 4 | Bottom |
| blind or buried 4 |
| \_45 | Galvanic film protection | Extra | galvan | 5 | Bottom |
| blind or buried 5 |
| x01 | Punch/Measure layer | Extra | x | 1 | Top |
| for TOP layer of blind/buried build |
| x16 | Punch/Measure layer | Extra | x | 1 | Bottom |
| for BOT layer of blind/buried build |
|  |  |  |  |  |  |
| -82 | Depth routing from TOP | Extra | rout | 1 | Top |
| -83 | Depth routing from BOT | Extra | rout | 1 | Bottom |
| -84 | Routing for peel off stencil | Extra | rout | 5 | None |
| -86 | V-cut for drill station | Extra | rout | 2 | Top |
| -87 | V-cut for drill station | Extra | rout | 2 | Bottom |