

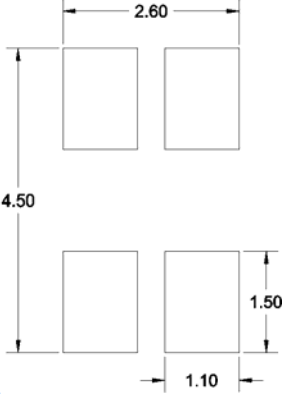
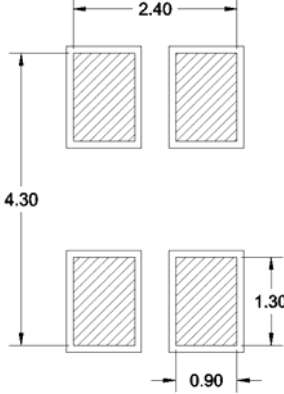
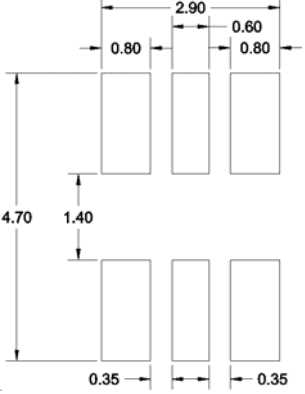
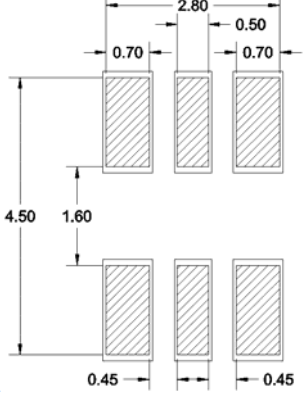
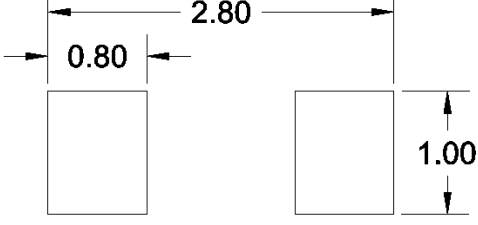
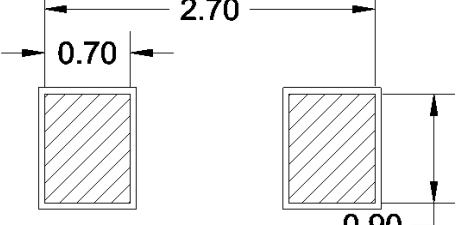
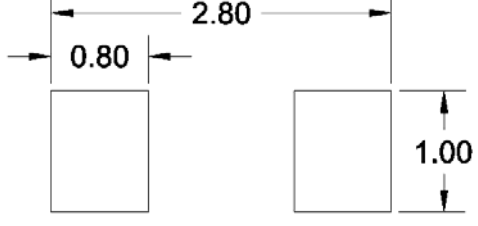
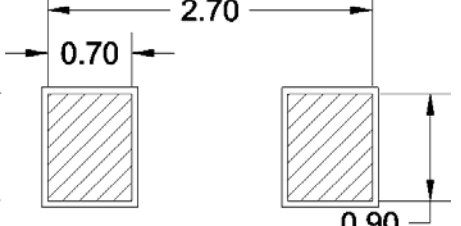
APPLICATION NOTE:
Recommended Solder Pad and Solder Stencil
from DOMINANT Opto Technologies

1. Introduction

This application note covers recommended assembly for all DOMINANT LEDs package families. DOMINANT LEDs are designed for assembly by automatic surface mounting machines. The following are the recommended solder pads design and the corresponding solder stencil apertures. Typically the stencil aperture is smaller than the solder pad of the LED.

2. Recommended Solder Pad and Solder Stencil

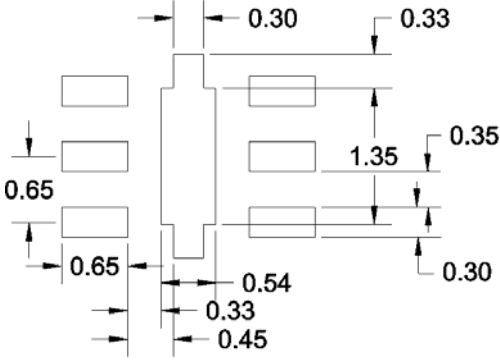
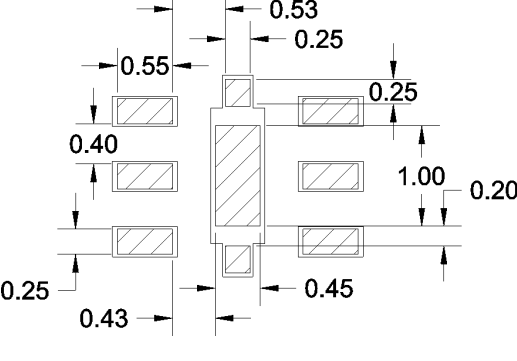
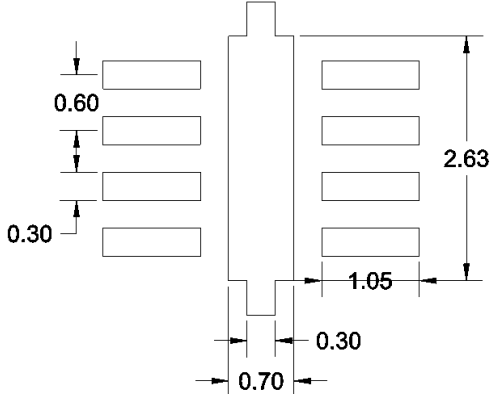
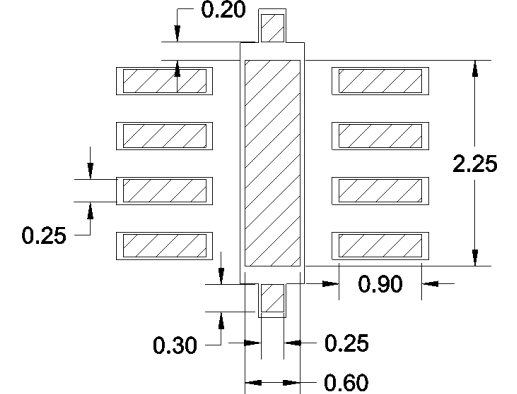
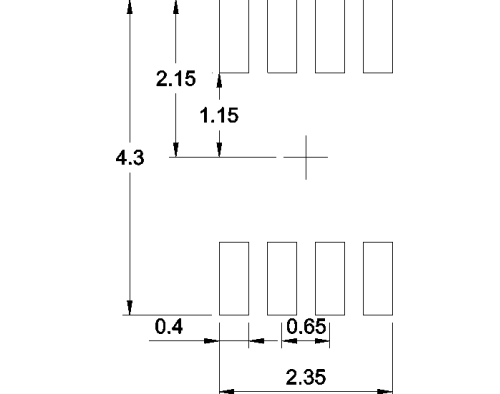
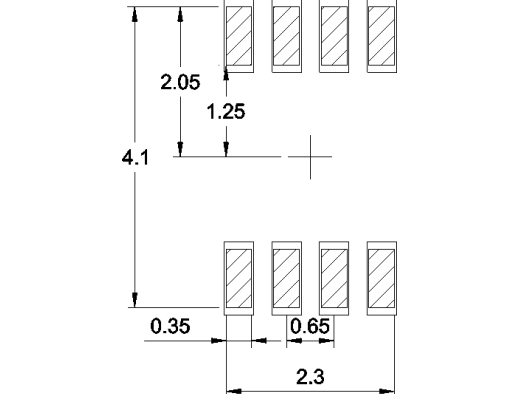
| Product Family | Recommended Solder Pad | Recommended Solder Stencil |
|---|------------------------|----------------------------|
| DomiLED DDx, DJx, DRx | | |
| Multi DomiLED Bi-Color / Tri-Color DMRTB, DKxx | | |

| Product Family | Recommended Solder Pad | Recommended Solder Stencil |
|------------------------------------|---|--|
| Power DomiLED DWx |  |  |
| Extreme Power DomiLED D6x-, D6W |  |  |
| Mini DomiLED DLx, DNx |  |  |
| MiniPlus DomiLED DFx |  |  |

| Product Family | Recommended Solder Pad | Recommended Solder Stencil |
|--------------------------------------|------------------------|----------------------------|
| Multi DomiLED D6RTB, D6RTB-xKG | | |
| NagaJo 1216 JEW | | |
| NagaJo 2025 J1x, JAW | | |
| NagaJo 2725 J2W | | |

| Product Family | Recommended Solder Pad | Recommended Solder Stencil |
|---|------------------------|----------------------------|
| Power Right Angle DomiLED D3x | | |
| PrimaxPlus MAx, PQx, MBxx, MA85, MA94, PQx | | |
| PrimaxPlus Bi-Color MCxx | | |
| Right Angle DomiLED DSx | | |

| Product Family | Recommended Solder Pad | Recommended Solder Stencil |
|---|------------------------|----------------------------|
| Right Angle Multi DomiLED DSRTB | | |
| S SpiceLED SSx | | |
| SpicePlus 2520 SPx, SQx | | |
| SpicePlus 3014 SEW | | |

| Product Family | Recommended Solder Pad | Recommended Solder Stencil |
|--|---|--|
| SpicePlus 2120 Multi Color SKRTB |  |  |
| SpicePlus 3030 Multi Color S8RTB |  |  |
| seddLED 3.0 A3x |  |  |