

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

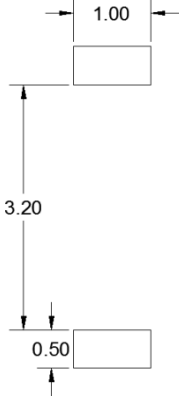
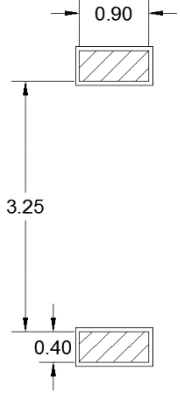
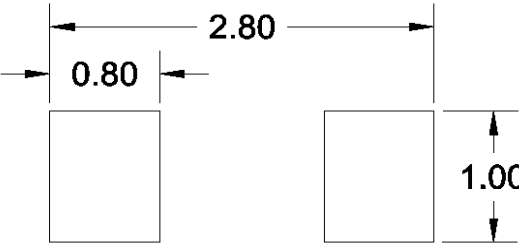
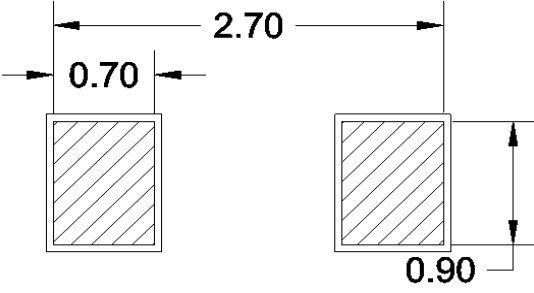
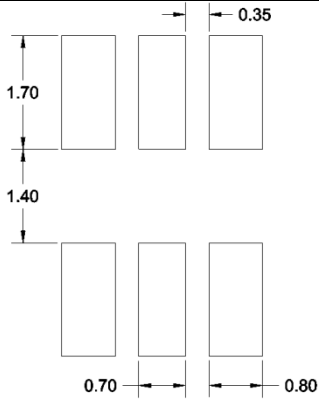
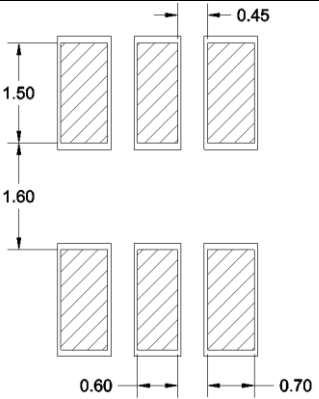
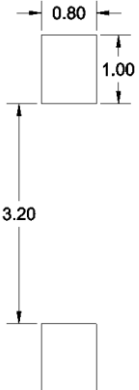
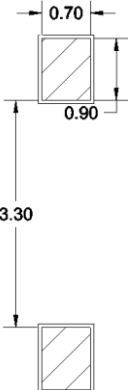
1. Introduction

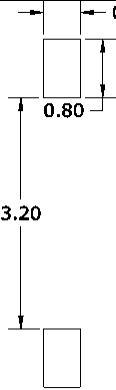
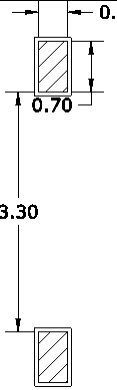
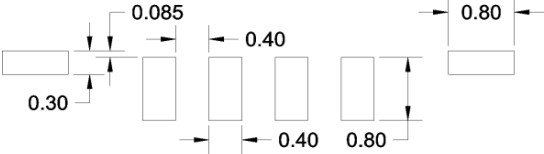
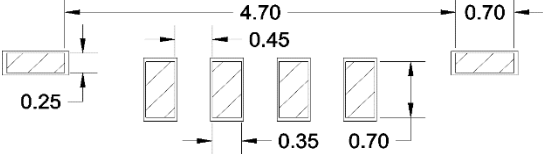
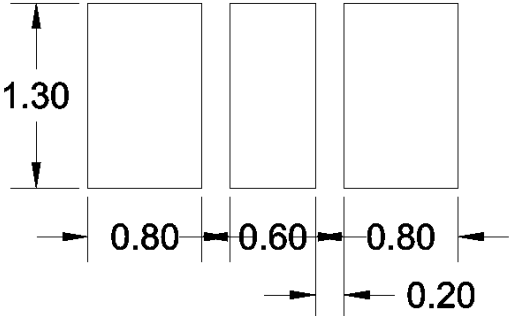
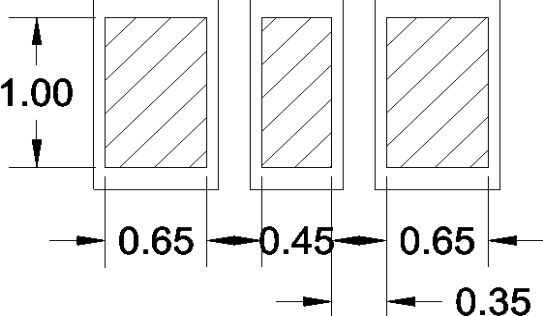
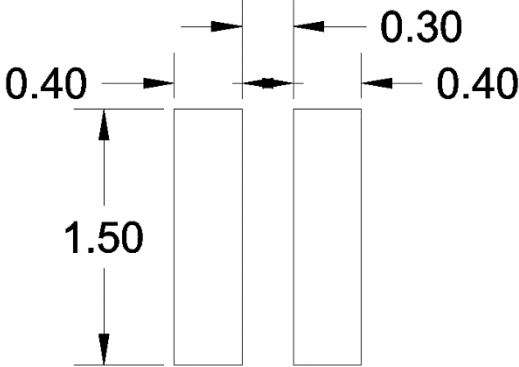
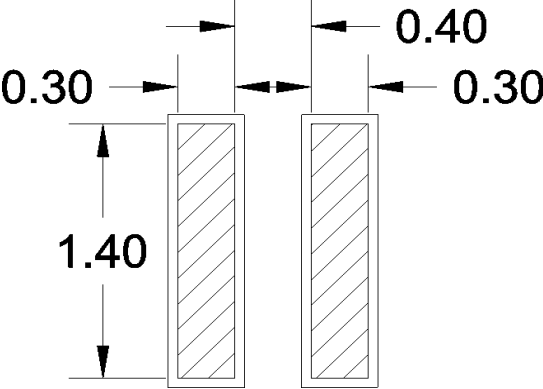
This application note covers recommended assembly for all DOMINANT LEDs package families. DOMINANT LEDs are designed for assembly by automatic surface mounting machines. The following are the recommended solder pads design and the corresponding solder stencil apertures. Typically, the stencil aperture 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		
DomiLED (Reverse Gullwing) DDx-xRx, DRx-xRS		

Product Family	Recommended Solder Pad	Recommended Solder Stencil
Multi DomiLED Bi-Color / Tri-Color DMRTB, DKxx		
Power DomiLED DWx		
Extreme Power DomiLED D6x-SKG, D6W-VZKG		
Mini DomiLED DLx, DNx		

Product Family	Recommended Solder Pad	Recommended Solder Stencil
Mini DomiLED (Reverse Gullwing) DLx-xRx, DNx-xRx		
MiniPlus DomiLED DFx		
Multi DomiLED D6RTB, D6RTB-xKG		
Right Angle DomiLED DSx		

Product Family	Recommended Solder Pad	Recommended Solder Stencil
Right Angle DomiLED DSx-xHS		
Right Angle Multi DomiLED DSRTB		
Power Right Angle DomiLED D3x		
NagaJo 1216 JEW		

Product Family	Recommended Solder Pad	Recommended Solder Stencil
NagaJo 2025 J1x, JAW		
NagaJo 2725 J2W		
PrimaxN3014 NNW-xZHG		
PrimaxPlus MAx, PQx, MBxx, MA85, MA94, PQx		

Product Family	Recommended Solder Pad	Recommended Solder Stencil
PrimaxPlus Bi-Color MCxx		
S SpiceLED SSx		
SpicePlus 2520 SPx, SQx		
SpicePlus 2520 STx		

Product Family	Recommended Solder Pad	Recommended Solder Stencil
SpicePlus 2520 SVx		
SpicePlus 3014 SEW		
SpicePlus 2120 Multi Color SKRTB		
SpicePlus 3030 Multi Color S6RTB		

Product Family	Recommended Solder Pad	Recommended Solder Stencil
SpicePlus 3030 Multi Color S8RTB		
seddLED 3.0 A3x		
SmartRGB SMRTB		