

ABSTRACT**Lead Frame Support Plate and Window Clamp for Wire Bonding Machines**

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A lead frame support plate 200 and a window clamp 400 for wire bonding machines are disclosed herein. In a described embodiment, the lead frame support plate 200 includes a network of suction grooves 218 provided on a support surface 212, each suction groove 218 being arranged to be in fluid communication with at least a vacuum
10 hole 216 to enable a suction force to be created, in response to a vacuum force, along the network of suction grooves for holding a lead frame against the support surface. A window clamp 400 having slots for compensating deformation of the window clamp and a method of fabricating the lead frame support plate are also disclosed.

15 **Figure 5**