

Abstract

LASER PROJECTION MODULE

A laser projection module, that may include a laser projection module cover comprising a top portion, a bottom portion and a one or more of side portions to define a cavity within the cover, wherein the top portion is configured to couple an optical lens. A lead frame may be at least partially integrated into the bottom cover portion of the laser projection module, where the lead frame includes an outer lead frame portion and an inner lead frame portion relative to the cover, wherein the inner lead frame portion is configured to couple a laser diode assembly in one area of the inner lead frame portion within the cavity.

Fig.1