



**RECTIFIERS**

*The Custom Power Specialist*

## SPRING BAR CLAMPS – SBC132S series

### DESCRIPTION

GD Rectifiers Ltd produce a range of large disc cell clamping devices, specially developed for double side applications of commonly used press pack semiconductors.

Materials and components used in the manufacturing of these clamps are carefully selected and quality controlled, to ensure the compliance with the requested specifications.

SBC series are normally supplied with a specific preset clamping force, to allow an easy and accurate clamping with no special tools.

The user should specify Clamping force (kN), & Pack height total.

### HOW TO ORDER

SBC132S – (Y) – (Z),

Where Y = the calibration force (kN),

And Z, the Pack height (mm). e.g. SBC132S –20–40

### TECHNICAL CHARACTERISTICS (Dwg 010013/14/15)

Dimensions see figures below, Clamping forces 20kN, 30kN, & 40kN  $\pm$  10%

Applications require rigid heatsink or base with suitable counter bore for mounting.

Insulation Material Grivory, UL94 V-0

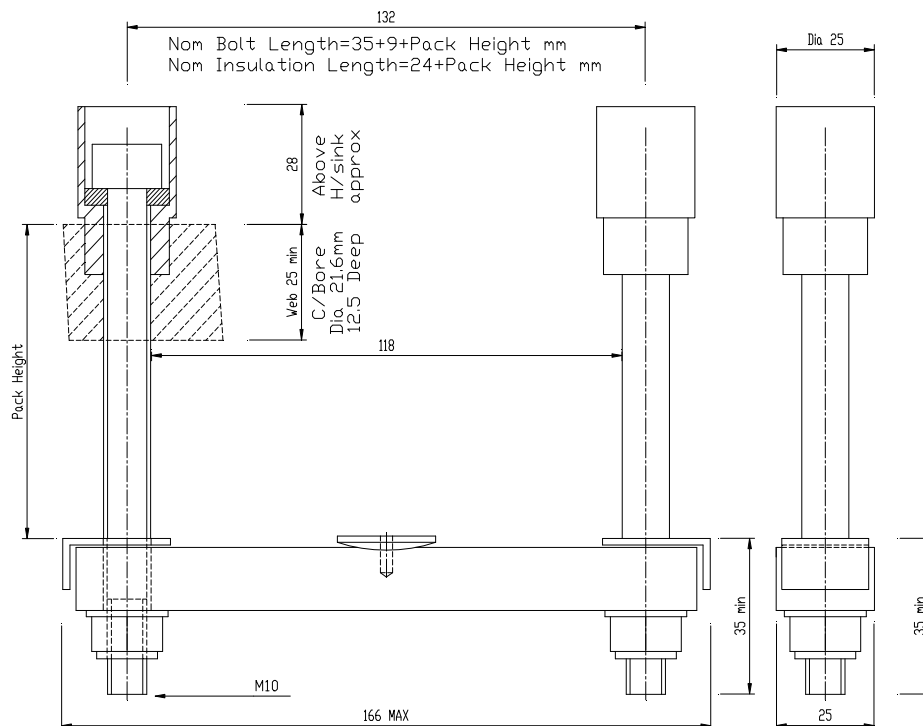
Operating Temp. Range -30°C - +120°C. Storage -40°C - +120°C.

Insulation Voltage 3kVrms 1 min, 50Hz.

Semiconductor Diameter = 118mm max. Semiconductor Thickness 14 to 40mm typ.

Weight SBC132S=1200g approx. Fixing Screws supplied with Clamp.

Special designs are available on request; please contact GD Rectifiers Ltd for details.



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