



RECTIFIERS

The Custom Power Specialist

SPRING BAR CLAMPS – SBC89S 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

SBC89S/LS – (Y) – (Z),

Where Y = the calibration force (kN),

And Z, the Pack height (mm). e.g. SBC89S –12–40

TECHNICAL CHARACTERISTICS (Dwg 010011/12)

Dimensions see figures below, Clamping force up to 22 kN ± 10%

Applications require rigid heatsink or base for mounting.

Insulation Material Noryl , UL94 V-0

Operating Temp. Range -30°C - +110°C. Storage -40°C - +110°C.

Insulation Voltage 3kVrms 1 min, 50Hz.

Semiconductor Diameter = 76mm max. Semiconductor Thickness 14 to 40mm typ.

Weight SBC89S=650g approx. Fixing Screws supplied with Clamp.

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

