

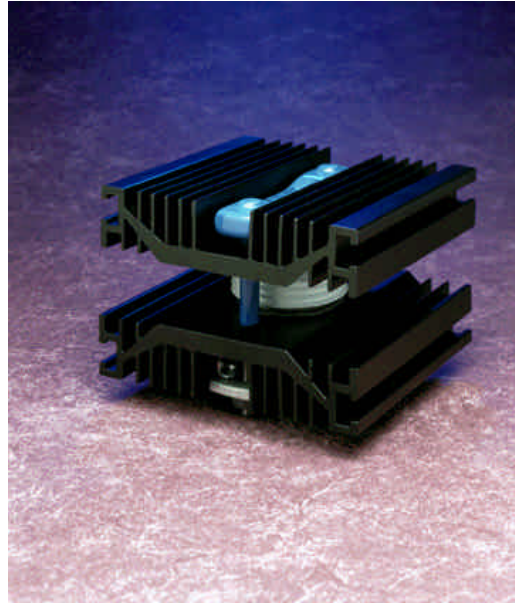


Wakefield Engineering Precision Clamp Systems

Series 139

Wakefield Engineering compression pack heat sinks and clamp systems provide electrical and industrial equipment manufacturers with complete system solutions for proper installation and heat dissipation for high-power compression pack semiconductors.

These high-quality mounting clamp assemblies are the worldwide standard for mounting compression and clamping press-pack SCR, thyristor, rectifier, and other high power disc packaged devices utilized in power distribution equipment, industrial controls, transportation systems,



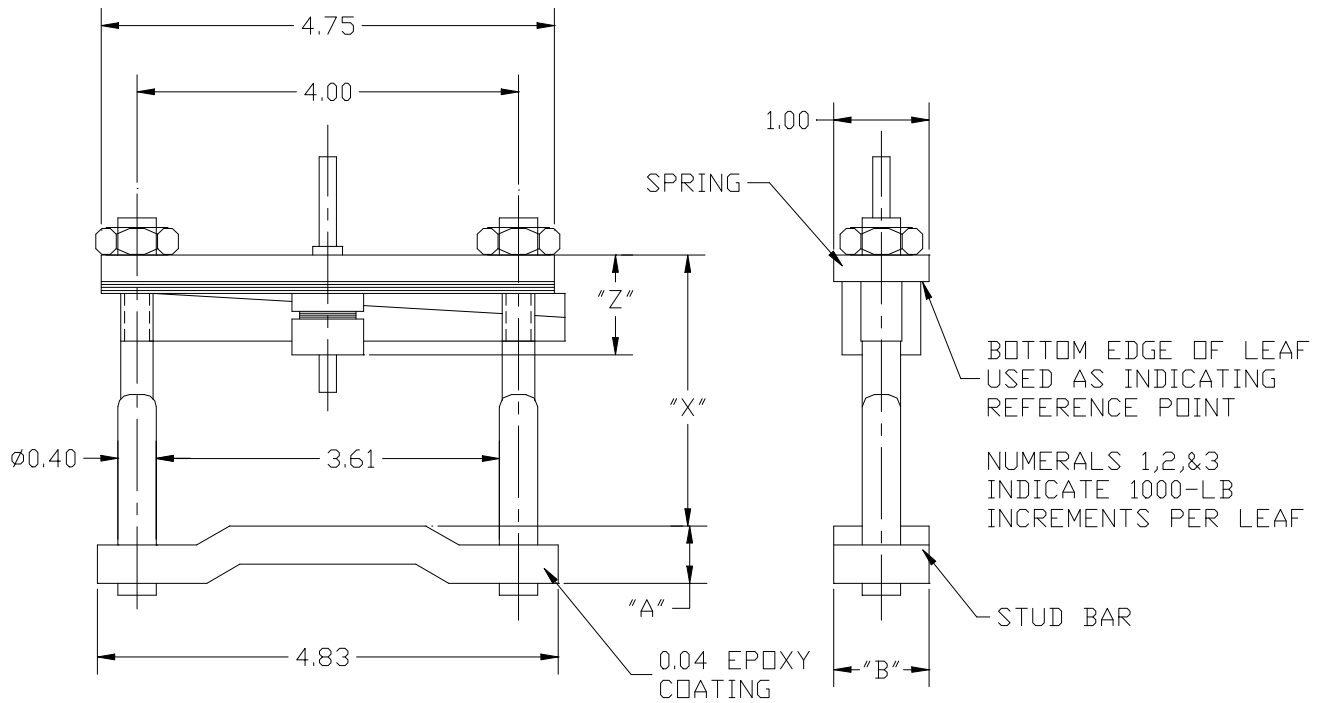
Features and Benefits:

- ◆ **Positive nonbinding omnidirectional swivel saddle action**
- ◆ **Single-sided or double-sided cooling**
- ◆ **One-piece epoxy insulation 5,000 VAC**
- ◆ **“Force Indicator Gauge”**
- ◆ **Various crossbar lengths available**
- ◆ **No loose parts to complicate assembly**
- ◆ **Assembles to 132/133 Series predrilled press pack heat sinks**





**139 SERIES
COMPRESSION MOUNTING CLAMP
ASSEMBLIES FOR SEMICONDUCTORS**





Crossbar Device Mounting Surface to Spring Assembly
Top surface (3,000 Ib. - 5,000 Ibs) Dimension

139 Series Crossbar									
139-3 Series Crossbar - 3,000 Ibs.					139-5 Series Crossbar - 5,000 Ibs.				
Model No.	Min	"X" Dim in.	Max	Weight Ibs.	Model No.	Min	"X" Dim in.	Max	Weight Ibs.
139-3A	1.52	-	1.89	0.689	139-5A	1.52	-	1.89	0.94
139-3B	1.83	-	2.21	0.700	139-5B	1.83	-	2.21	0.96
139-3C	2.14	-	2.52	0.706	139-5C	2.14	-	2.52	0.98
139-3D	2.45	-	2.83	0.721	139-5D	2.45	-	2.83	1.01
139-3E	2.77	-	3.14	0.732	139-5E	2.77	-	3.14	1.02
139-3F	3.08	-	3.45	0.741	139-5F	3.08	-	3.45	1.033
139-3G	3.39	-	3.77	0.762	139-5G	3.39	-	3.77	1.053
139-3H	3.70	-	4.08	0.773	139-5H	3.70	-	4.08	1.074
139-3J	4.01	-	4.39	0.784	139-5J	4.01	-	4.39	1.064
139-3K	4.33	-	4.70	0.790	139-5K	4.33	-	4.70	1.075
139-3L	4.64	-	5.01	0.793	139-5L	4.64	-	5.01	1.088
139-3M	4.95	-	5.33	0.796	139-5M	4.95	-	5.33	1.102
139-3N	5.26	-	5.64	0.832	139-5N	5.26	-	5.64	1.11
139-3P	5.57	-	5.95	0.838	139-5P	5.57	-	5.95	1.171

Crossbar Height and Width		
Series Number	Height "A" Reference in.	Width "B" Reference in.
139-3	0.72	0.95
139-5	1.02	0.83

139 Series Spring Assembly			
Model Number	Number of Leaves	"Z" Dimension in.	Max Force Ib.
139-1	1	0.87	3,000
139-2	2	1.25	5,000

