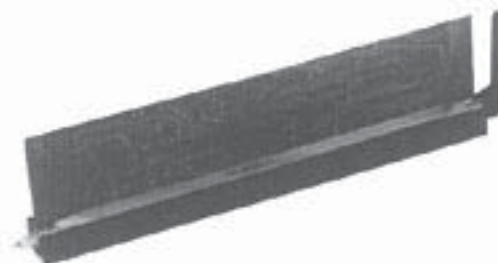


Calmark offers Series L225 Lever-Lok ("Card-Lok") Retainer which provides tool free, lever action locking on the Series 225 configuration "Card-Lok." Lever-Lok feature L is also available on other Card-Lok Series on request.

FEATURES:

- **High Reliability**
Lever-actuated wedge action locks PC card in place.
- **High Thermal Transfer**
Wedge-action design provides maximum contact between thermal path on PC card and the heat sink surface.
- **High Resistance to Shock & Vibration**
Wedge action design locks PC card in place to provide excellent protection against sever shock and vibration.
- **Zero Insertion & Extraction Forces**
Lever actuation provides zero insertion and extraction force on PC card.
- **Design Flexibility**
Special lengths, finishes or other design variations available on request.



MATERIALS & FINISHES:

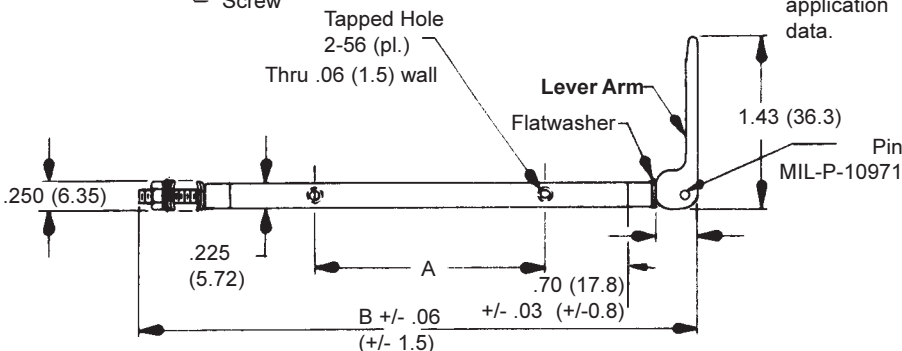
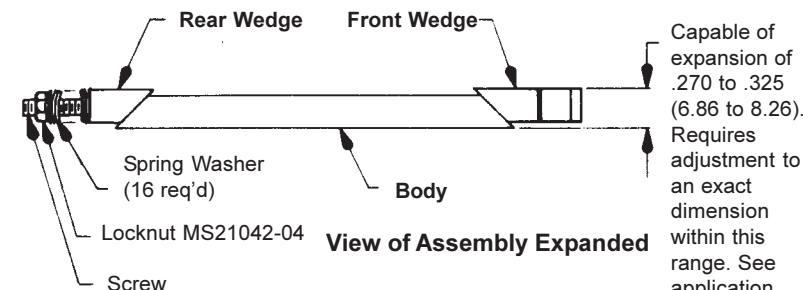
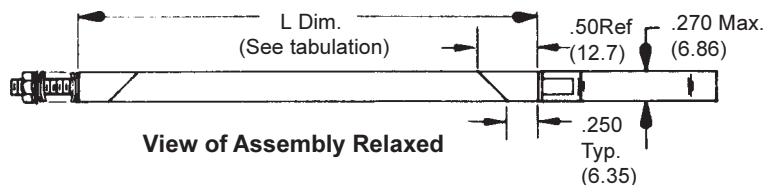
- SCREW** Stainless Steel per QQ-S-763 or ASTM-A582. Passivate per MIL-S-5002.
- Body & Wedges** Aluminum Alloy. 6061-T6, ASTM-B221. Black Anodize per MIL-A-8625, Type I or II, Class 2.
- Lever Arm** Aluminum Alloy. 6061-T6, ASTM-B221. Black Anodize per MIL-A-8625, Type III Class 2.
- Flatwasher & Spring Washers** Stainless Steel. QQ-S-763. Passivate per MIL-S-5002.

TOLERANCES: .xxx = +/- .010, .xx = +/- .02
(.xx = +/-0.25, .x = +/-0.5)

NOTES: Lever feature available on other Card-Lok series on request.

TABULATION

Length	L Dim.	A Dim.	B Dim.	Weight
2.80 (71.1)	2.80 (71.1)	.900 (22.86)	3.70 (94.0)	.450 oz. (12.8g)
3.80 (96.5)	3.80 (96.5)	1.900 (48.26)	4.70 (119.4)	.552 oz. (15.6g)
4.80 (121.9)	4.80 (121.9)	2.900 (73.66)	5.70 (194.8)	.655 oz. (18.6g)



APPLICATION DATA:

Clamping Force Adjustment Procedure-

NOTE: Lever-Lok furnished assembled but not adjusted.

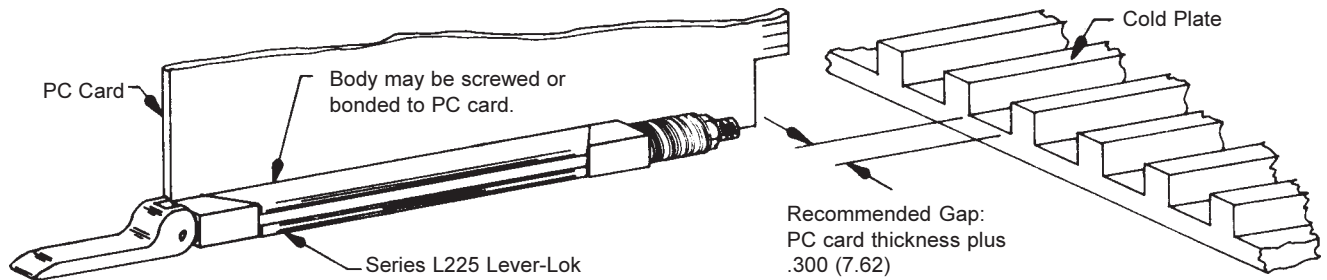
1. Fasten Lever-Lok to PC card/module.
2. Insert PC card/module into slot in cold plate.
3. Actuate lever to locked/close position.
4. Tighten locknut on end of screw until wedges initially contact wall of cold plate slot, or slight insertion extraction drag is felt.
5. Additionally tighten locknut two (2) full turns.
DO NOT EXCEED TWO (2) TURNS.
6. Lever-Lok is now ready to use.

NOTE: Factory adjustment of clamping force available on request.

Clamping Force Data-

Direct force of assembly is approximately 120 lbs. (534N), when adjusted per recommended procedure.

Direct force of assembly is affected as follows:
6 lbs. (26.7N) per each .001 (0.025mm) variation of cold plate slot width, or 72 lbs. (320.3N) per each full turn of locknut.



PART NO. CODE: Lever-Lok feature L also available on other Card-Lok Series on request.

	L225 — 3.80	
<p>Basic No.</p> <p>Assembly Consisting of:</p> <p>Screw</p> <p>Front Wedge</p> <p>Body</p> <p>Rear Redge</p> <p>Lever Arm</p> <p>All Hardware</p>	<p>“L” Dimension (Length in Decimal)</p> <p>Standard Lengths</p> <p>2.80</p> <p>3.80</p> <p>4.80</p> <p>Other Lengths by Special Order</p>	