

Calmark offers the Series L260 Lever-Lok "Card-Lok" retainer for cold plate/heat exchanger applications. This totally unique design provides tool free, lever action locking on the advance design Series 260 Card-Lok. The Series L260 provides visual indication of accurate, repeatable locking to a preset clamping force.

## FEATURES

- Tool free actuation
- Visual indication of locked or unlocked status
- Preset and adjustable clamping force
- Clamping force consistently repeated
- Maintained wedge and body alignment for easy installation
- Special lengths, finishes, or other design options available on request

## MATERIALS & FINISHES

### WEDGES, SHAFT AND LEVER

#### Material:

Aluminum Alloy 6061-T6, ASTM-B221

#### Finish:

Wedge & Shaft: Black Anodize per Mil-A-8625 Type II, Class 2

Wedges: also have Dry Film Lube per Mil-L-46010 Type 1

Lever: Hard Black anodize per Mil-A-8625 Type III, Class 2

### ADJUSTMENT SCREW

#### Material:

Stainless Steel per ASTM-A582\QQ-S-763

#### Finish:

Passivate per Mil-S-5002

Locking element per Mil-F-18240

### HARDWARE

#### Material:

Front Washer: MPIF Standard 25

Rear Washer: ASTM-A240

Spring Washers: ASTM-A266

#### Finish:

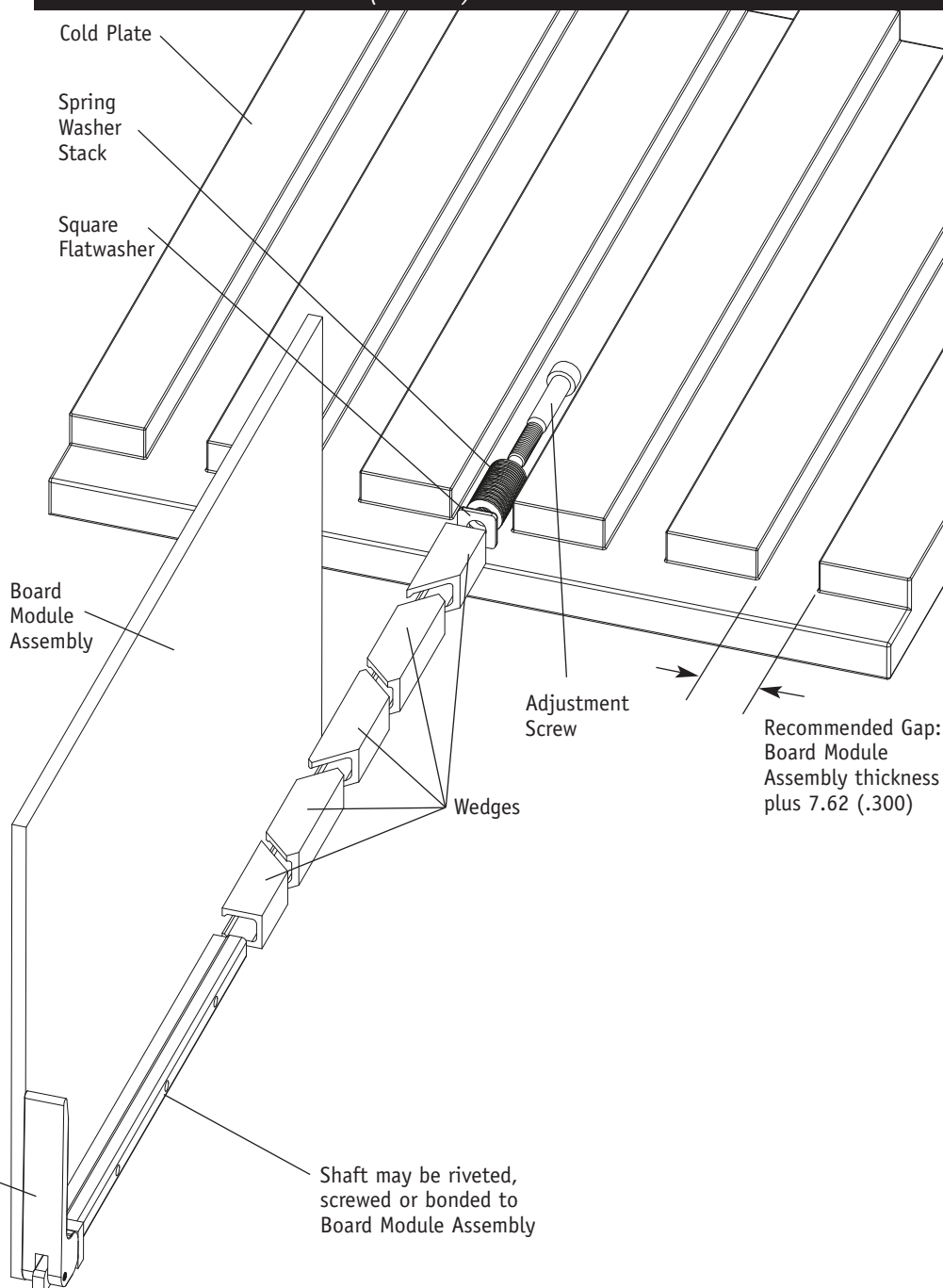
Passivate per Mil-S-5002

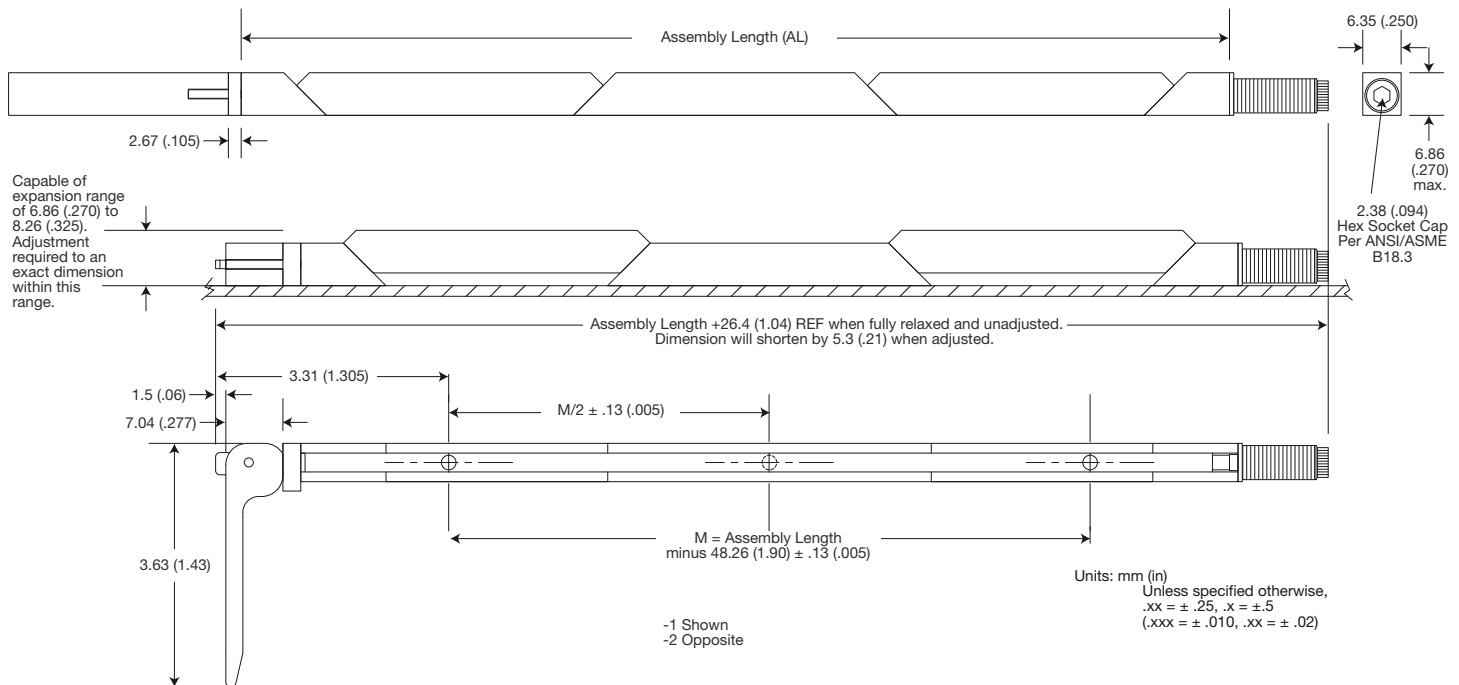
### WEIGHT

1.17 g/cm (.105 oz/in)



Series L260 "Card-Lok" Retainer (lever-lok)





## CLAMPING FORCE ADJUSTMENT PROCEDURE

Lever-Lok is furnished unadjusted and will require the use of the following procedure to achieve proper clamping.

NOTE: Factory preset adjustment available on request.

(See part number code)

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

## CLAMPING FORCE DATA

Direct force of assembly is approximately 556N (125lbs), when adjusted per recommended procedure.

Direct force of assembly is affected approximately as follows:

26.7N (6lbs) per each .025 (.001) variation of cold plate slot width, or 169N (38lbs) per each full turn of screw.

### Part Number Code

Series L260 Card-Lok Five Piece

L260 - 3.80 TM2 -1 P

### Suffix options

Assembly length from 2.50 (63.5) to 12.99 (329.9) length.xx

Preferred lengths are 71.12 (2.80), 96.52 (3.80) and 121.9 (4.80)

Other lengths available upon request

Mounting Options - M2 x 0.40 tapped holes TM2  
or choose from Mounting Option Table see table

Lever Direction -1

-2

Factory Preset clamping force when expanded to 7.63 (.300)

556N (125lbs) P

645N (145lbs) P1

None [blank]

### Part Number Code Example:

L260-3.80TM2-1

Series L260 five piece lever actuated Card-Lok 96.52 (3.80) long with black anodized finish, -1 lever direction and no factory preset clamping load.

### MOUNTING METHOD TABLE

| Code Letter | Method                  |
|-------------|-------------------------|
| [blank]     | 2-56 tapped hole        |
| "TM2"       | M2 x 0.40 tapped hole   |
| "TM2.5"     | M2.5 x 0.45 tapped hole |