

Calmark offers Series L225 Lever-Lok ("Card-Lok") Retainer which provides tool free, lever action locking on the Series 225 configuration "Card-Lok."

FEATURES

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

MATERIALS & FINISHES

BODY & WEDGES

Aluminum Alloy. 6061-T6, ASTM-B221. Black Anodize per MIL-A-8625, Type II, Class 2.

SCREW

Stainless Steel per QQ-S-763 or ASTM-A582. Passivate per MIL-S-5002.

LEVER ARM

Aluminum Alloy. 6061-T6, ASTM-B221. Black Hard Anodize per MIL-A-8625, Type III Class 2.

FLATWASHER & SPRING WASHERS

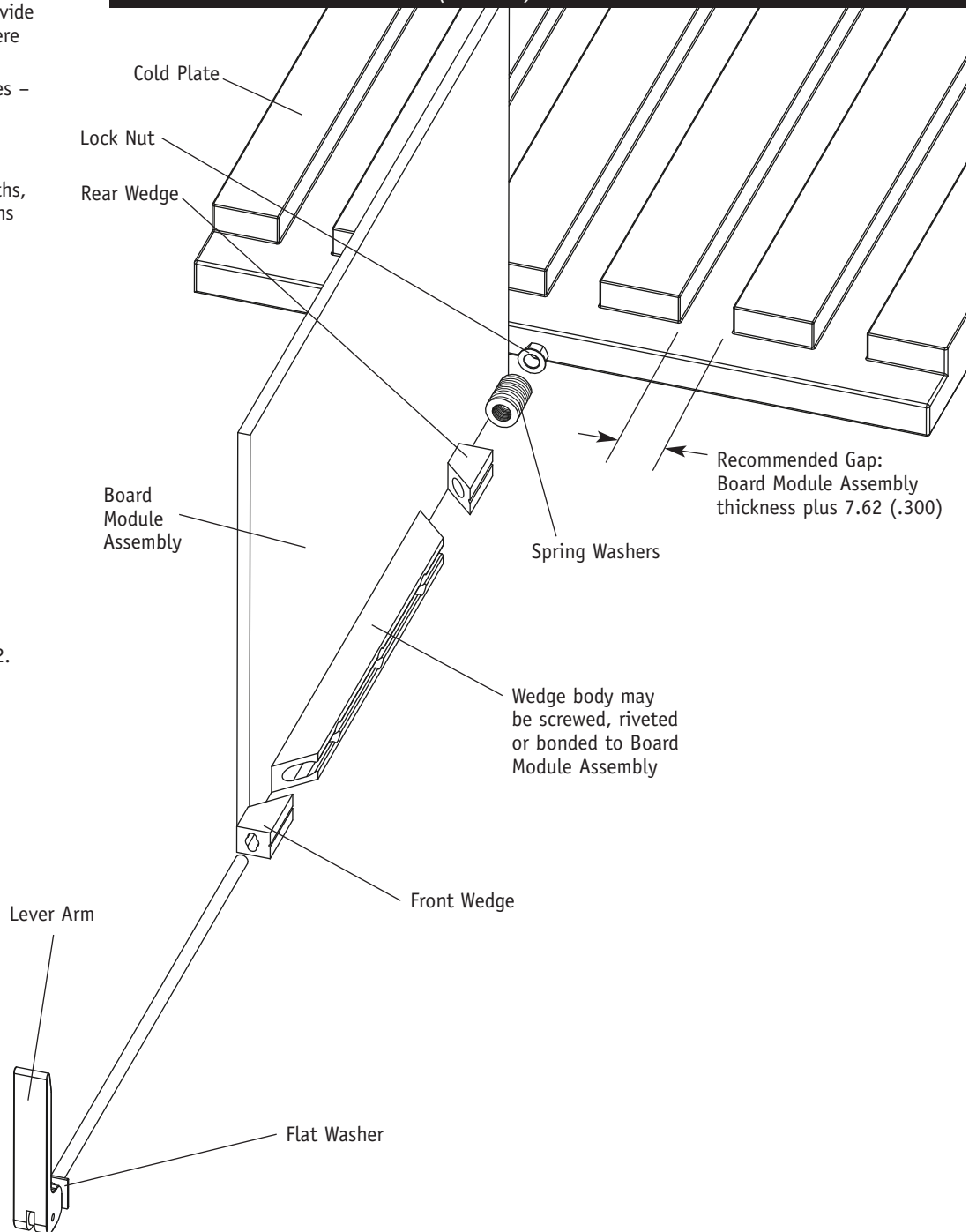
Stainless Steel. QQ-S-763. Passivate per MIL-S-5002.

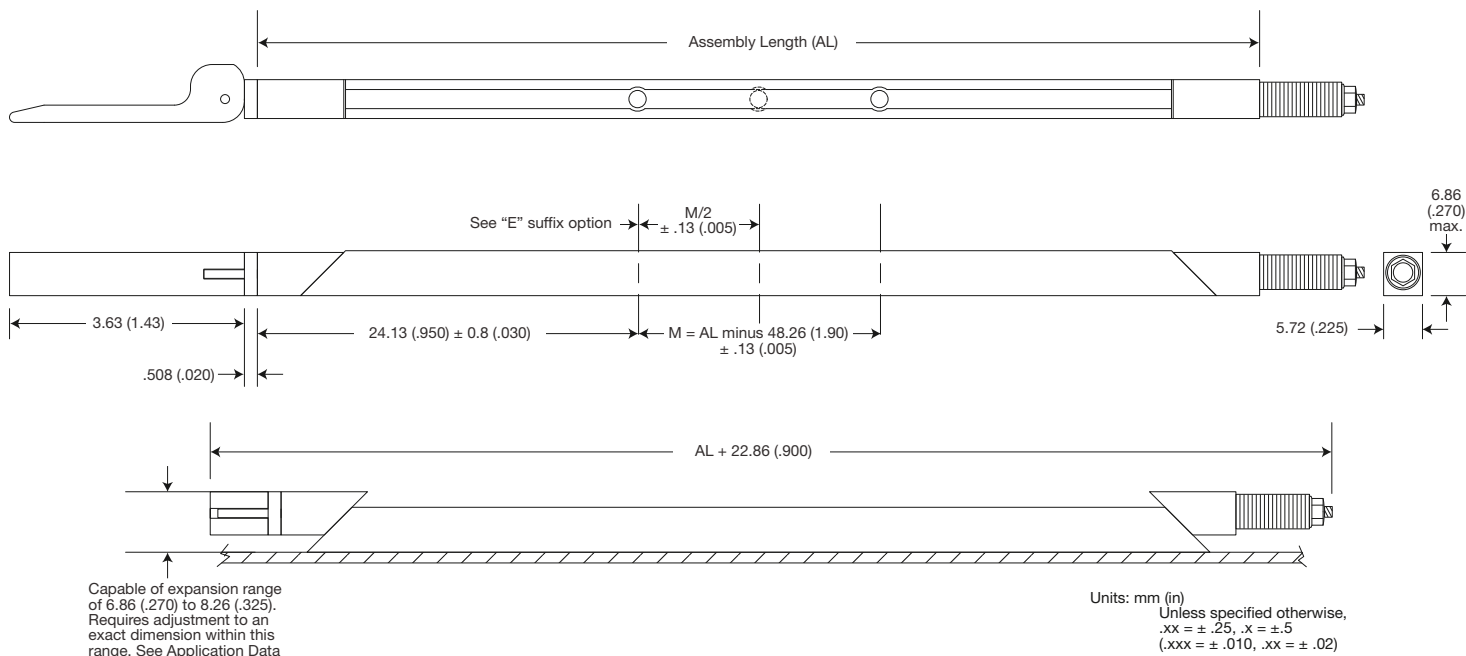
WEIGHT

1.65g/cm (.15oz/in)



Series L225 - "Card-Lok" Retainer (lever-lok)





APPLICATION DATA

CLAMPING FORCE ADJUSTMENT PROCEDURE

- NOTE: Lever-Lok furnished assembled but not adjusted.
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 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 for use.

NOTE: Factory adjustment of clamping force available on request.

CLAMPING FORCE DATA

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

Direct force of assembly is affected as follows: 8N (1.8lbs) per each .025 (.001) variation of cold plate slot width, or 200N (45lbs) per each full turn of locknut.

Part Number Code
Series L225 Card-Lok Three Piece _____
L225 - 3.80 E TO

Suffix options
 Assembly length in inches. Standard lengths range from 54.6 (2.15) to 329.9 (12.99). _____ *length.xx*
 Other lengths available upon request _____
 Additional Center Mounting Hole _____ E
 No additional center mounting hole _____ [blank]
 Mounting Options - 0-80 tapped holes _____ TO
 or choose from Mounting Option Table

Part Number Code Example:

L225-2.80

Series L225 Ejecting Card-Lok three piece 71.12 (2.80) long with black anodize finish and 2-56 tapped holes.

MOUNTING METHOD TABLE

Code Letter	Method
[blank]	2-56 tapped hole
"TO"	0-80 tapped hole
"TM2"	M2 x 0.40 tapped hole
"TM2.5"	M2.5 x 0.45 tapped hole