

Series E225 Card Lok with Integrated Ejector

**RECOMMENDED GAP WIDTH**

PCB + 7.62 mm (.300 in)

**RECOMMENDED TORQUE**

68 N-cm (6 in-lbs)

**WEIGHT**

1.34 g/cm (.120 oz/in)

**MATERIALS AND FINISH**

**WEDGES AND SHAFT**

**Material:**

Aluminum Alloy 6061-T6 per per ASTM-B221 or AMS-QQ-A-200/8

**Finish:**

See finish table on opposite page

**SCREW**

**Material:**

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

**Finish:**

Passivated per AMS2700

**RETAINER RING**

**Material:**

Stainless Steel per ASTM-A582

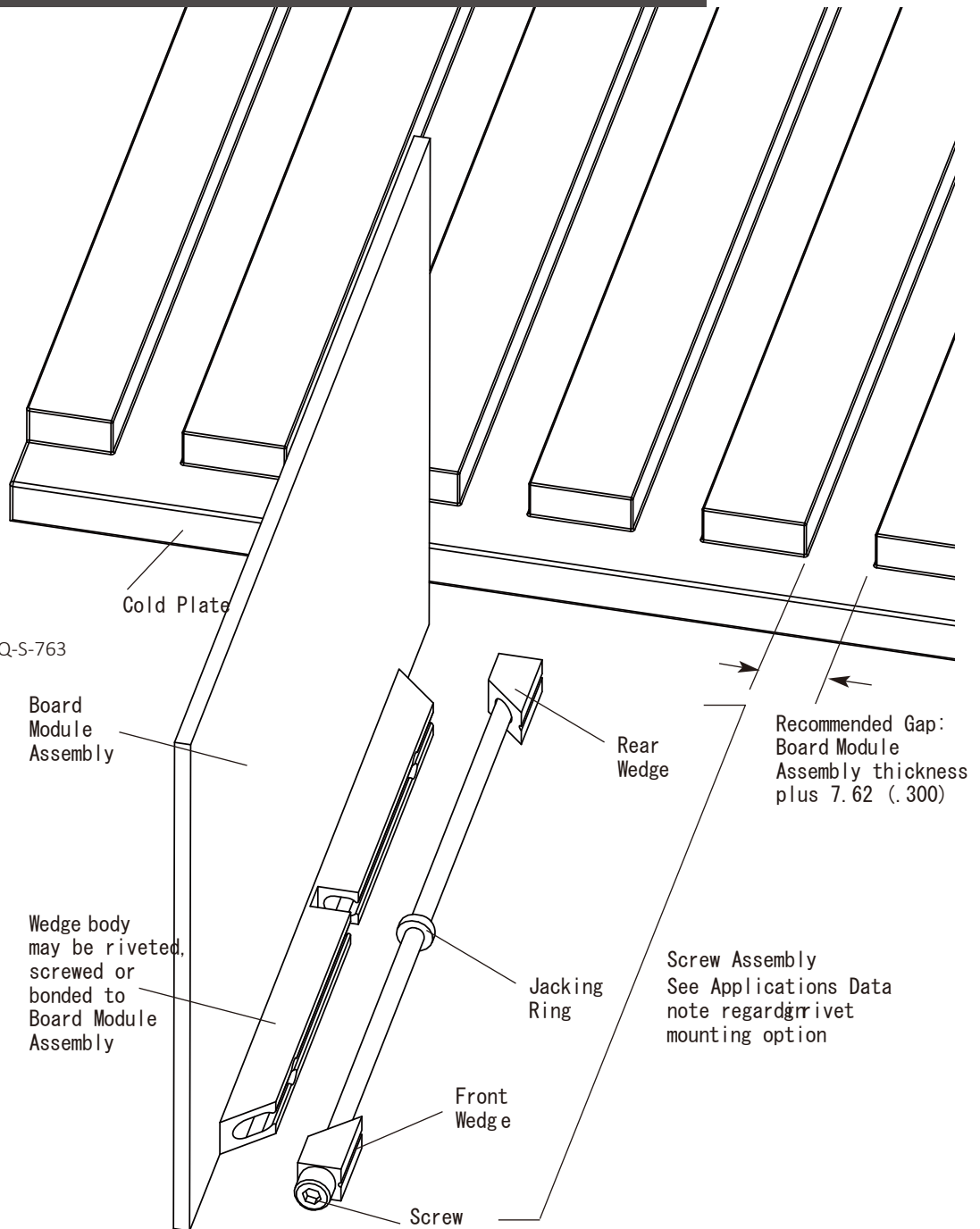
**Finish:**

Passivated per AMS2700

**THREADED INSERT**

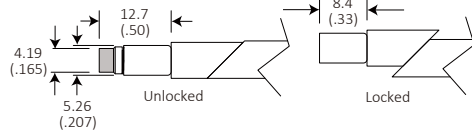
**Material:**

MS122116, MS21209-CO210 (locking), 50253-1064

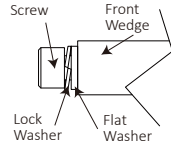


Screw Assembly  
See Applications Data  
note regard rivet  
mounting option

**Detail "V"**  
Provides visual lock indicator.



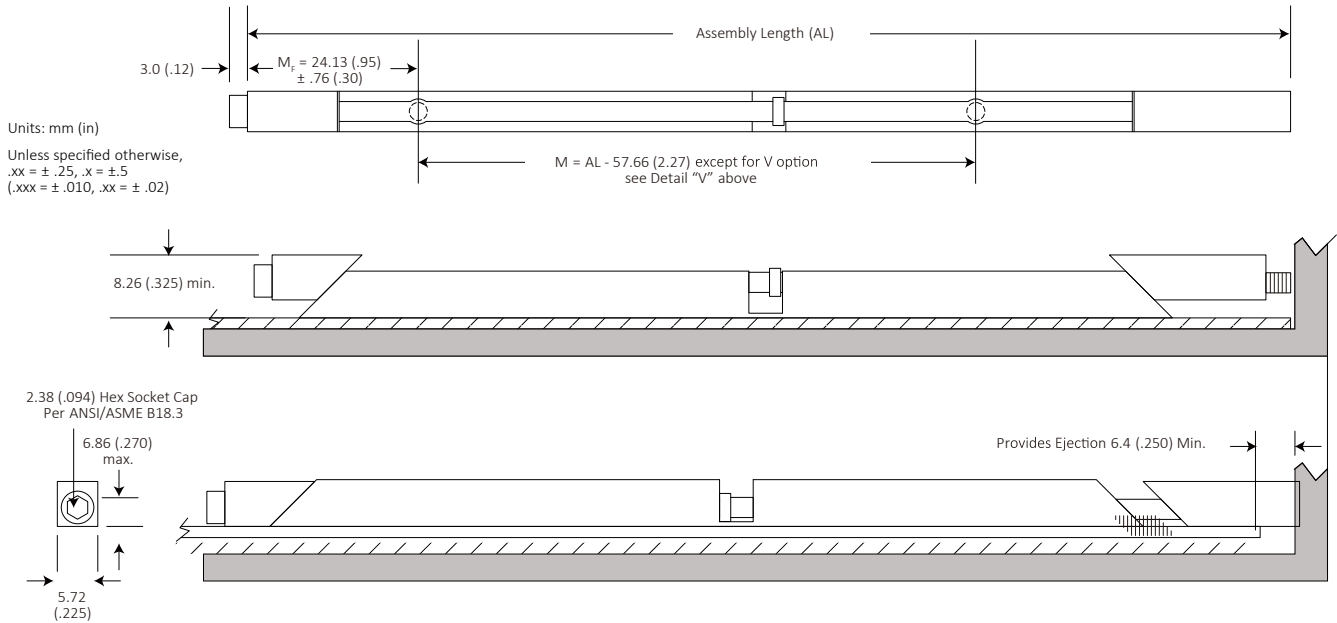
**Detail "W"**  
Provides added resistance to loosening from shock and vibration.



## APPLICATION DATA

All mounting options except for "H" (rivet mounting), parts are completely assembled for shipping. For "H" (rivet) Mounting Option, the screw assembly and wedge body are shipped unassembled. Assemble parts as follows:

1. Rivet Wedge Body to Printed Circuit Board
2. Insert Screw Assembly into WedgeBody
3. Collapse WedgeBody to captivate screw assembly



Part Number Code	
Series E225 Card-Lok Three Piece _____	
Prefix options	Z M W V E A 225 - 3.80 H
Metric Screw Head M2.5 Hex Drive _____	M
Standard Screw Head 3/32 Hex Drive _____	[blank]
Lock and Flat Washer _____	W
None _____	[blank]
Visual Indicator _____	V
No Visual Indicator _____	[blank]
Black Anodize _____	A
or choose from Finish Table	
Suffix options	
Assembly length in inches. Standard lengths range from 71.12 (2.80) to 329.9 (12.99). Other lengths available upon request	length.xx
Mounting Options - holes for rivet mounting or choose from Mounting MethodTable	H

## FINISH TABLE

Code Letter	Finish
[blank]	Chemical Film per Mil-C-5541 Class 1A, Gold
"R"	Chemical Film per Mil-DTL-5541 Class 3, Type II, Clear
"A"	Black Anodize per Mil-A-8625 Type II, Class 2
"HA"	Hard Black Anodize per Mil-A-8625 Type III, Class 2
"EN"	Electroless Nickel per Mil-C-26074 Class 4, Grade B, Bright

## MOUNTING METHOD TABLE

Code Letter	Method
[blank]	No mounting holes
"H"	Rivet Mounting Ø1.70 (.067) hole with 3.96 (.156) counterbore x 5.08 (.200) deep and 100° x 3.56 (.140) countersink.
"T0"	0-80 tapped hole
"T2"	2-56 tapped hole
"TM2"	M2 x 0.40 tapped hole
"TM2.5"	M2.5 x 0.45 tapped hole

Part Number Code Example:

ZWVE225-4.80T2

Series E225 Ejecting Card-Lok three piece 121.9 (4.80) long with Lock and Flat Washer, Visual Indicator, Gold Chemical Film Finish, mounting holes drilled and tapped for 2-56 screw.