

Series E225 Card-Lok

CONNECT AND PROTECT



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 ASTM-B221 or AMS-QQ-A-200/8
- **Finish:** See finish table on opposite page

SCREW

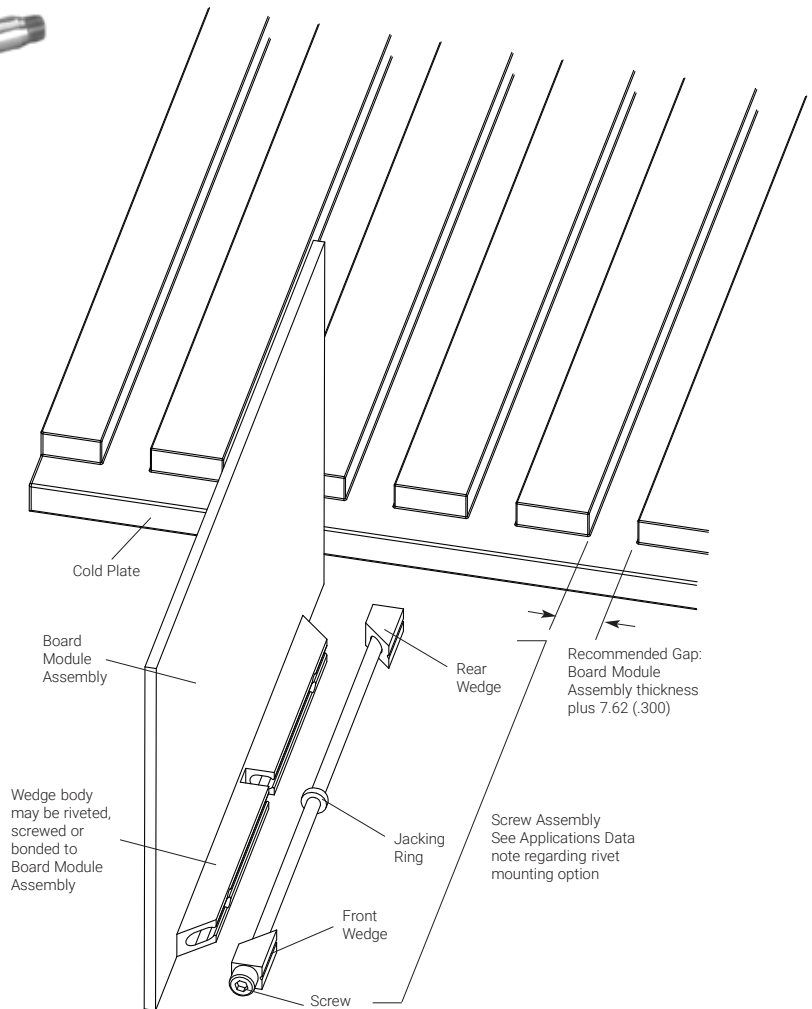
- **Material:** Stainless Steel per ASTM-A582 or QQ-S-763
- **Finish:** Passivated per AMS2700

RETAINER RING

- **Material:** Stainless Steel per ASTM-A582
- **Finish:** Passivated per AMS2700

THREADED INSERT

- **Material:** MS122116, MS21209-CO210 (locking), 50253-1064



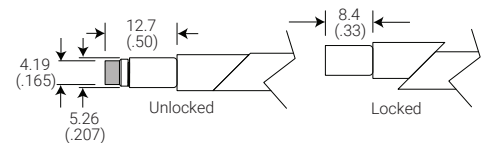
APPLICATION DATA

All mounting options except for "H" (rivet mouting), 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 Wedge Body
3. Collapse Wedge Body to captivate screw assembly

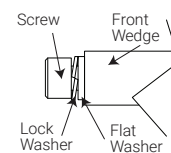
Detail "V"

Provides visual lock indicator.

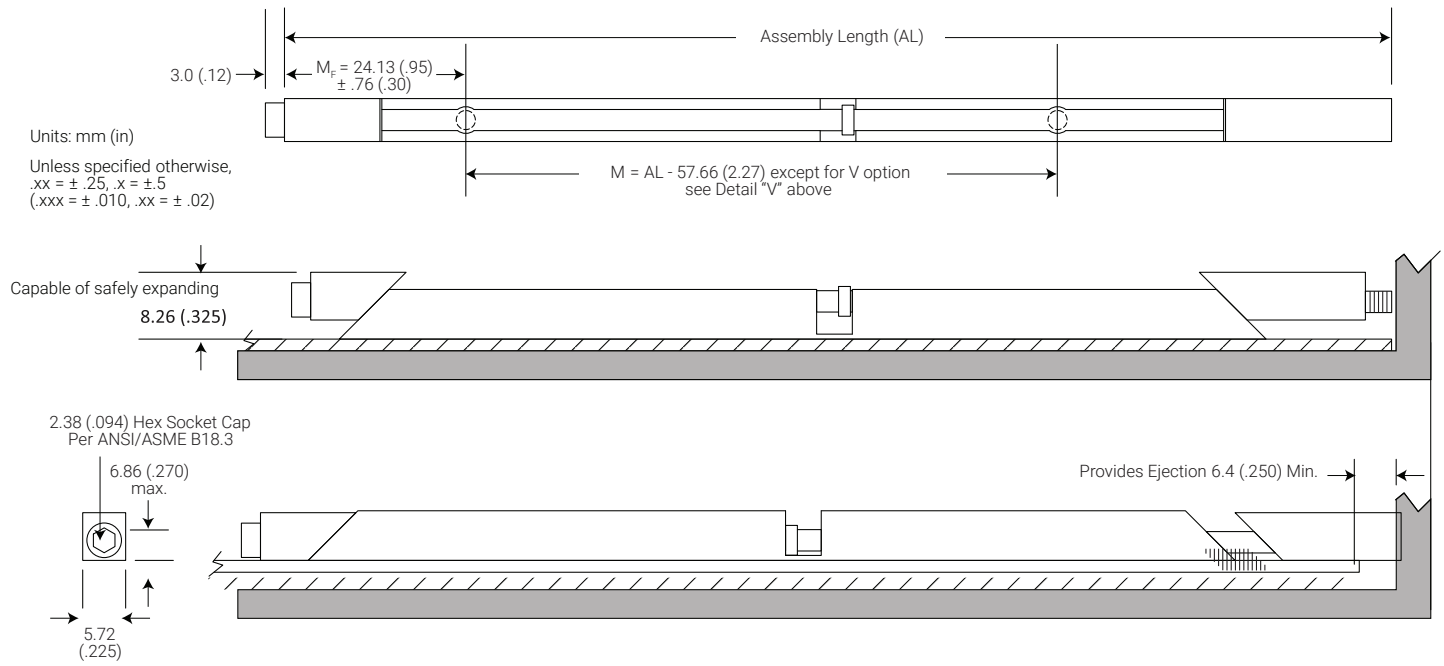


Detail "W"

Provides added resistance to loosening from shock and vibration.



SERIES E225 CARD-LOK



Part Number Code
Series E225 Card-Lok Three Piece

Prefix options
 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 _____ length.xx
 range from 71.12 (2.80) to 329.9 (12.99).
 Other lengths available upon request
 Mounting Options holes for rivet mounting _____ H
 or choose from Mounting Method Table

M W V E A 225 - 3.80 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
"H"	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: WVE225-4.80T2

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.

nVent SCHROFF, Inc.

7328 Trade Street San Diego,
 CA 92121 USA
 +1 800-525-4682

CALMARK™



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER