

Series 280 Card-Lok

CONNECT AND PROTECT



RECOMMENDED GAP WIDTH

PCB + 10.8 mm (.425 in)

RECOMMENDED TORQUE

227 N-cm (20 in-lbs) With "L" option 277 N-cm (24 in-lbs)

WEIGHT

2.18 g/cm (.195 oz/in)

MATERIALS AND FINISH

BODIES AND WEDGES

- **Material:** Aluminum Alloy 6061-T6 per ASTM-B221 or AMS-QQ-A-200/8
- **Finish:** See finish table on opposite page

SHAFT

- **Material:** Alluminum alloy 7075-T6 per ASTM-B221 or AMS-QQ-A-200/11
- **Finish:** See finish table on opposite page

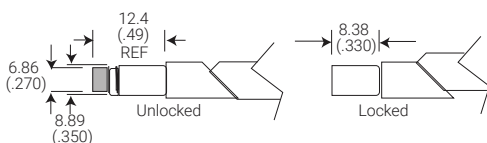
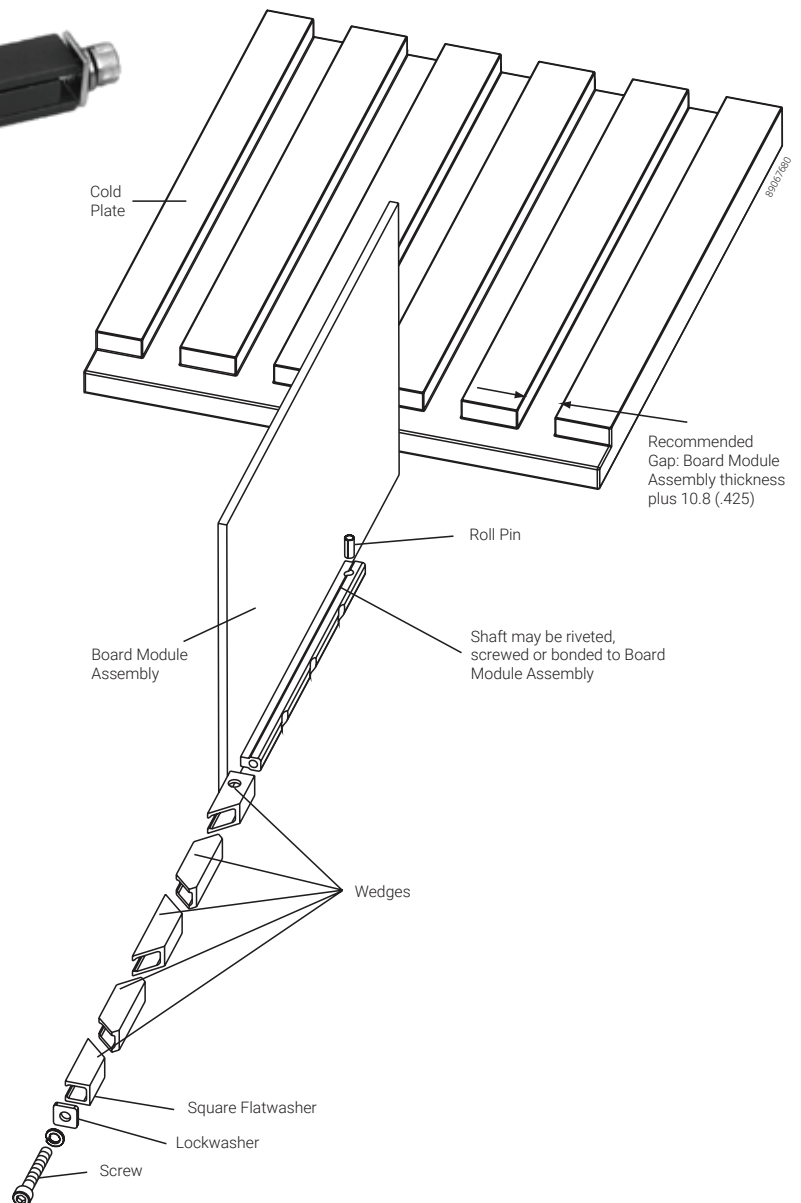
SCREW, LOCK AND FLAT WASHER

09-in. or 2.5-mm hex. socket head cap screw, depending on mounting configuration

- **Material:** 300 series stainless steel
- **Finish:** Passivated per AMS2700

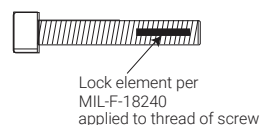
ROLLPIN

- **Material:** 400 series stainless steel
- **Finish:** Passivated per AMS2700



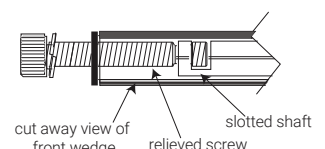
Detail "V"

Provides visual lock indication



Detail "L"

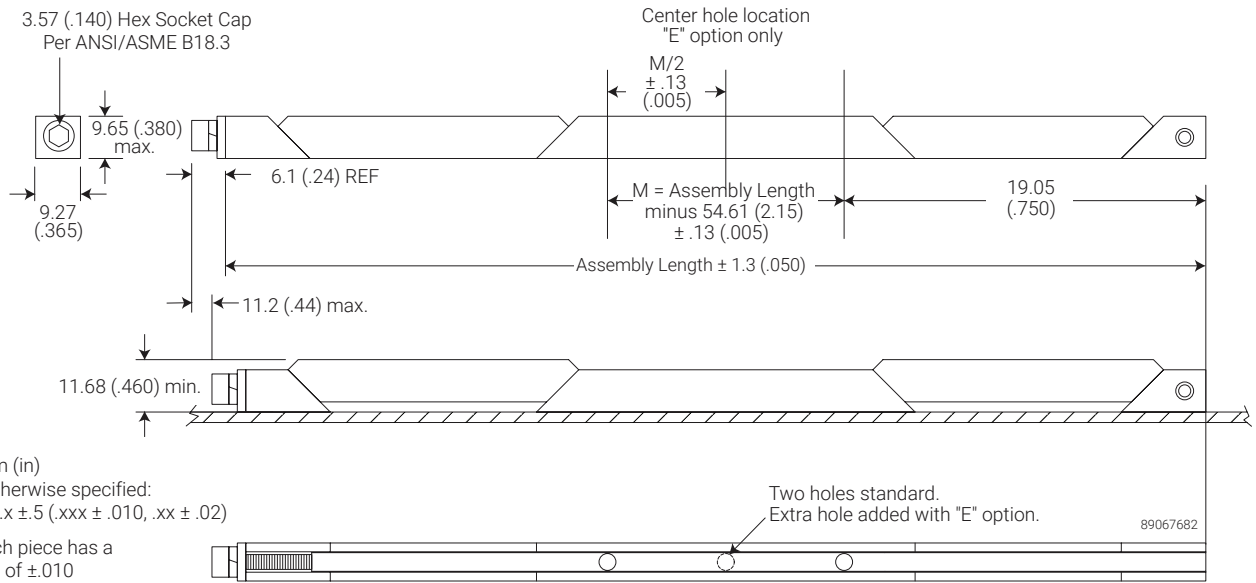
Provides prevailing torque for resistance to loosening from shock and vibration. Adds 50 N-cm (4 in-lbs) torque to assembly.



Detail "K"

Prevents the unintentional disassembly of screw from shaft.

SERIES 280 CARD-LOK



Part Number Code

Screw

Metric Screw Head M3 Hex Drive **M**
Standard Screw Head 9/64 Hex Drive [Blank]

Type

Torque Limiting version* **TLC**
Standard version with Visual Indicator **V**
Standard Screw Head 9/64 Hex Drive [Blank]

Finish

Black Anodized **A**
Or choose from Finish Table

Length

Length in 12.7 (.50) increments **83.82 [3.30]**
to 325.12 [12.80]

Mounting

Additional Center Mounting Hole **E**
None [Blank]

Mounting Options - through mounting holes **H**
Or choose from Mounting Method Table

Lock Patch

Lock Patch **L**
None [Blank]

Captive Screw **K**
None [Blank]

Part Number Code Example: A280-4.80EHK

Series 280 Card-Lok five piece 121.9(4.80) long with black anodized finish, standard rivet mounting hole, and captive screw option

FINISH TABLE

CODE LETTER	SURFACE FINISH
[blank]	CHEM FILM PER MIL-DTL-5541 CLASS 3, GOLD
"R"	CHEM 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
"H"	Ø3.40/3.53 (.134/.139) DIA. THROUGH HOLES COUNTERSINK 60° X 3.81 (.150) DEEP
"T4"	4-40 TAPPED HOLE
"TM3"	M3 X 0.50 TAPPED HOLE

***NOTE:** FOR THE TORQUE LIMITING "TLC" VERSION:
THE MINIMUM LENGTH IS 109.22 (4.30) THE FRONT MOUNTING HOLE, NEAREST TO THE SCREW, WILL BE REPLACED WITH AN INDEXING PIN. VISUAL INDICATOR, LOCK PATCH OPTIONS NOT AVAILABLE. MUST CLICK 3+ TIMES FOR PROPER INSTALLATION

nVent SCHROFF, Inc.

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

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