



Series 280 Card Lok

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 per ASTM-B221 or AMS-QQ-A-200/8

Finish:

See finish table on opposite page

SHAFT

Material:

Aluminum 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

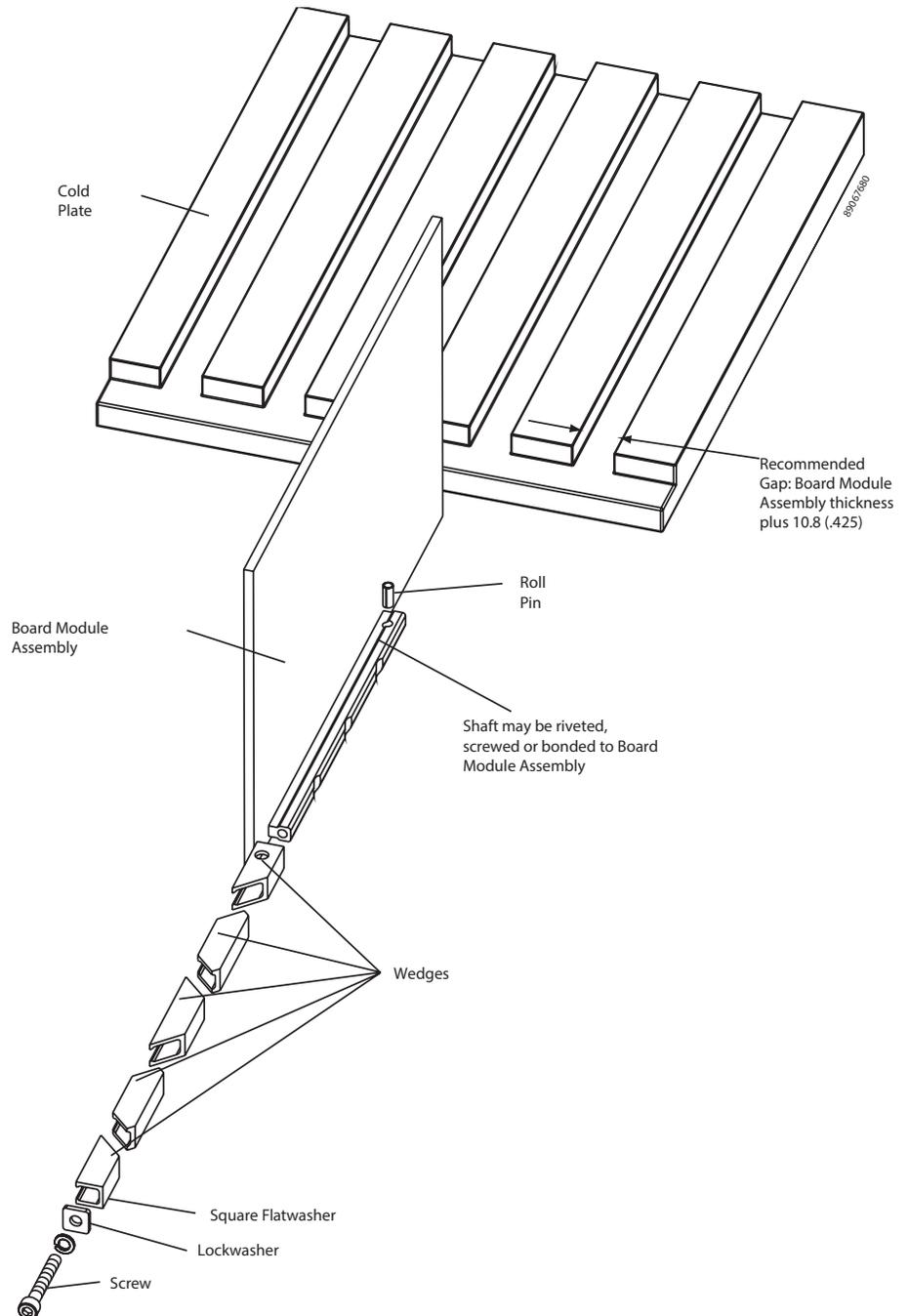
ROLL PIN

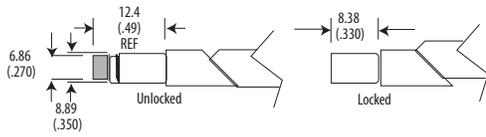
Material:

400 series stainless steel

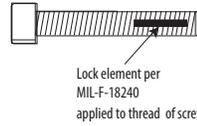
Finish:

Passivated per AMS2700

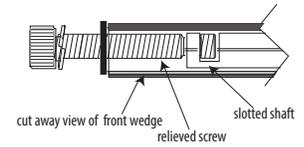




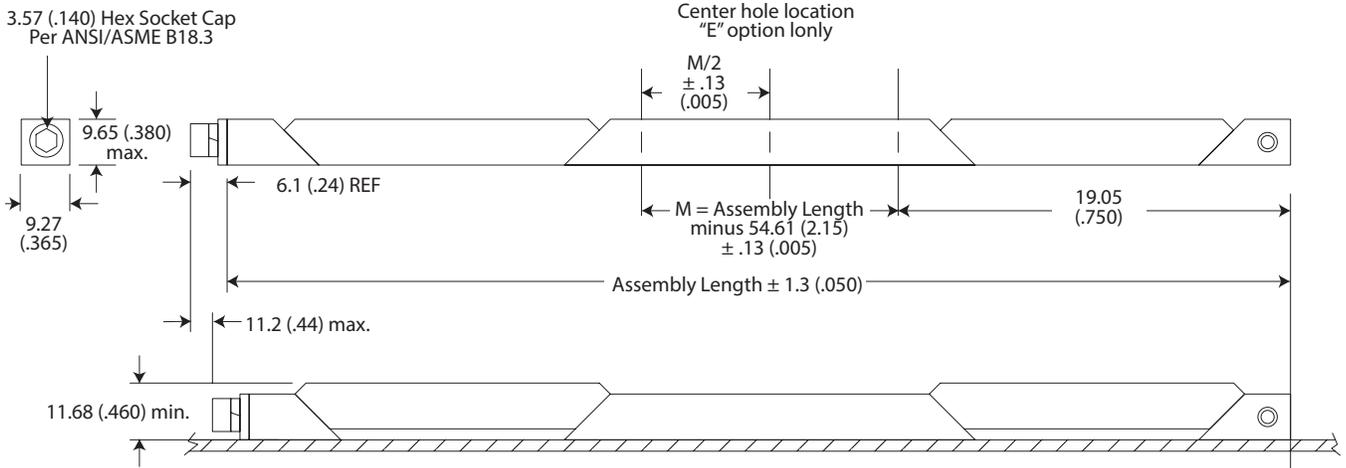
Detail "V"
Provides visual lock indication



Detail "L"
Provides prevailing torque for resistance to loosening from shock and vibration. Adds 50 N-cm (4 in-lbs) torque to assembly. See application data on previous sheet.



Detail "K"
Prevents the unintentional disassembly of screw from shaft.



Units: mm (in)
Unless otherwise specified:
.xx ± .25, .x ± .5 (.xxx)
± .010, .xx ± .02) Note:
Each piece has a tolerance of ± .010

Two holes standard.
Extra hole added with "E" option.

89067682

Part Number Code
Series 280 Card-Lok Five Piece

Prefix options

Metric Screw Head M3 Hex Drive **M**
Standard Screw Head 9/64 Hex Drive [blank]
Visual Indicator **V**
No Visual Indicator [blank]
Black Anodize **A**
or choose from Finish Table *see table*

Suffix options

Assembly length in inches. Standard lengths range from 96.52 (3.80), 121.9 (4.80) and 147.3 (5.80) length.xx
Other lengths available upon request.
Additional Center Mounting Hole **E**
None [blank]
Mounting Options - holes for rivet mounting **H**
or choose from Mounting Option Table *see table*
Lock Element **L**
None [blank]
Captive Screw **K**
None [blank]

FINISH TABLE

Code Letter	Finish
[blank]	Chemical Film per Mil-DTL-5541 Class 3, 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 Electroless
"EN"	Nickel per Mil-C-26074 Class 4, Grade B, Bright

MOUNTING METHOD TABLE

Code Letter	Method
"H"	Ø3.40/3.53 (.0134/.139) dia. through holes countersink 60° x 3.81 (.150) deep
"T4"	4-40 tapped hole
"TM3"	M3 x 0.50 tapped hole

Part Number Code Example:

A280-4.80HK
Series 280 Card-Lok five piece 121.9 (4.80) long with black anodize finish, standard rivet mounting hole and captive screw option