



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



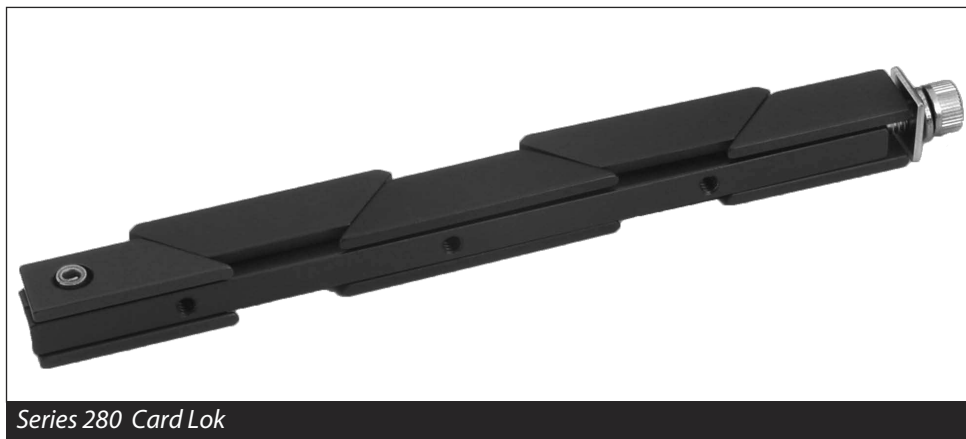
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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

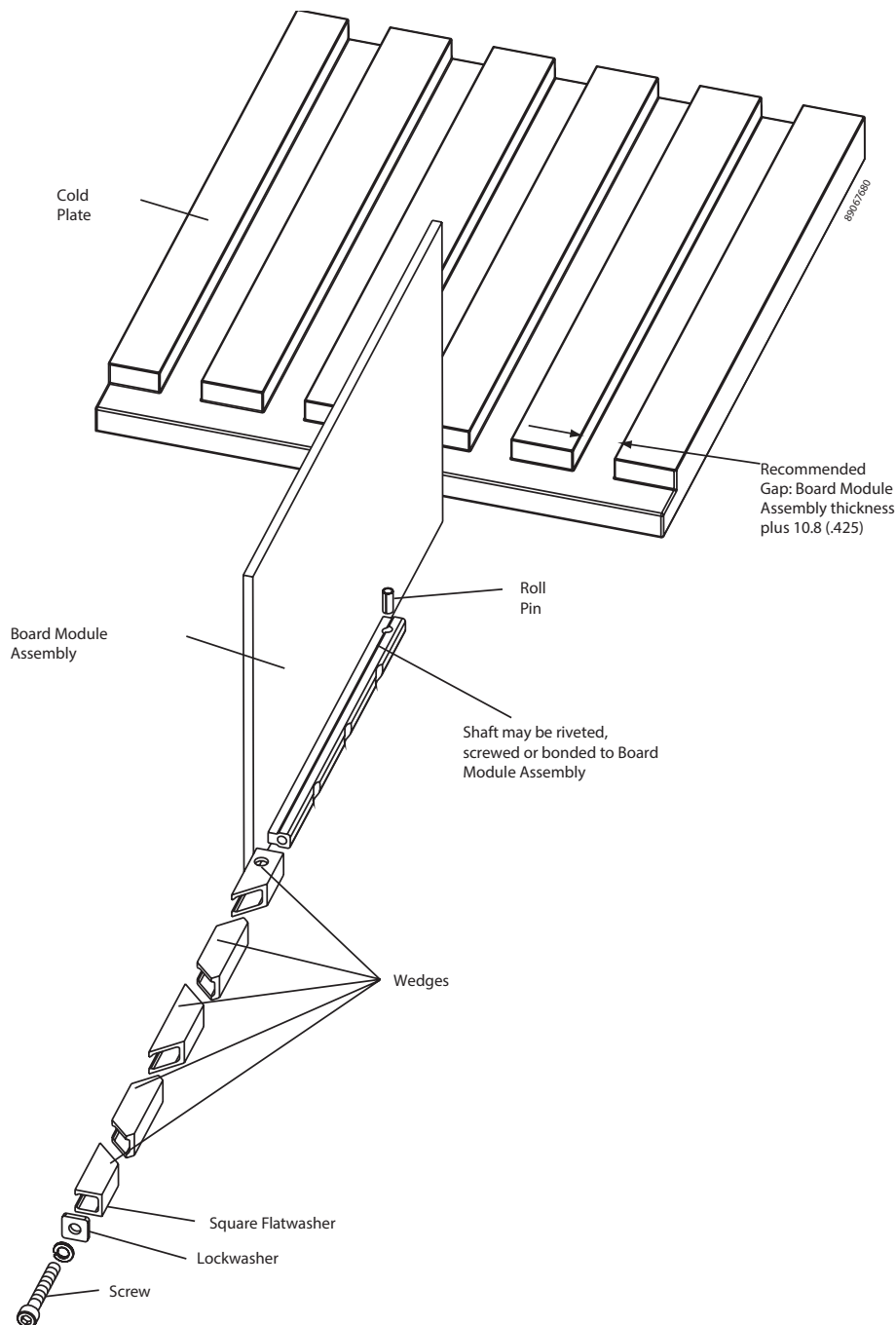
ROLL PIN

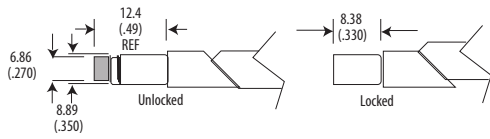
Material:

400 series stainless steel

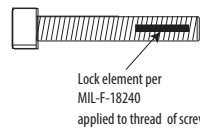
Finish:

Passivated per AMS2700

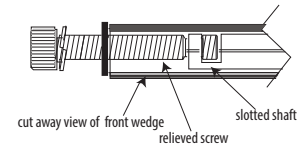




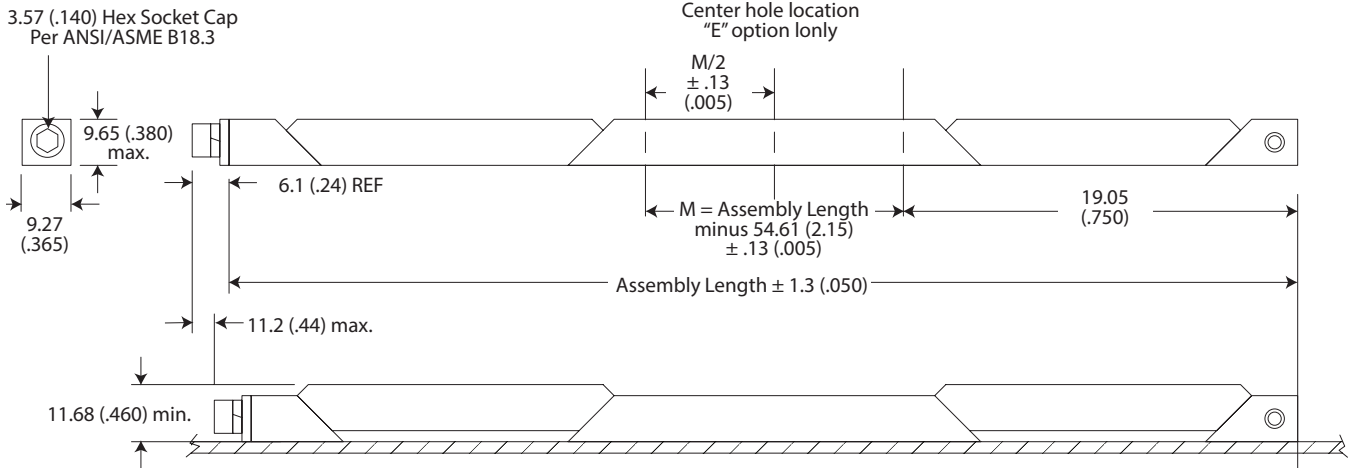
Detail "V"
Provides visual lock indication



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



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	M	V	A	280	-	3.30	E	H	L	K
Screw										
Metric Screw Head M2.5 Hex Drive	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Standard Screw Head 3/32 Hex Drive	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>
Type										
Torque Limiting version*	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Standard version with Visual Indicator	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Standard version	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>
Finish										
BlackAnodized	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Or choose from Finish Table	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Length										
Length in 12.7 (.50) increments	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Mounting										
Additional Center Mounting Hole	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
None	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>
Mounting Options - through mounting holes	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Or choose from Mounting Method Table	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Lock Patch										
Lock Patch	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
None	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>
Captive Screw	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
None	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>	<u>[Blank]</u>

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

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 (.0134/.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.