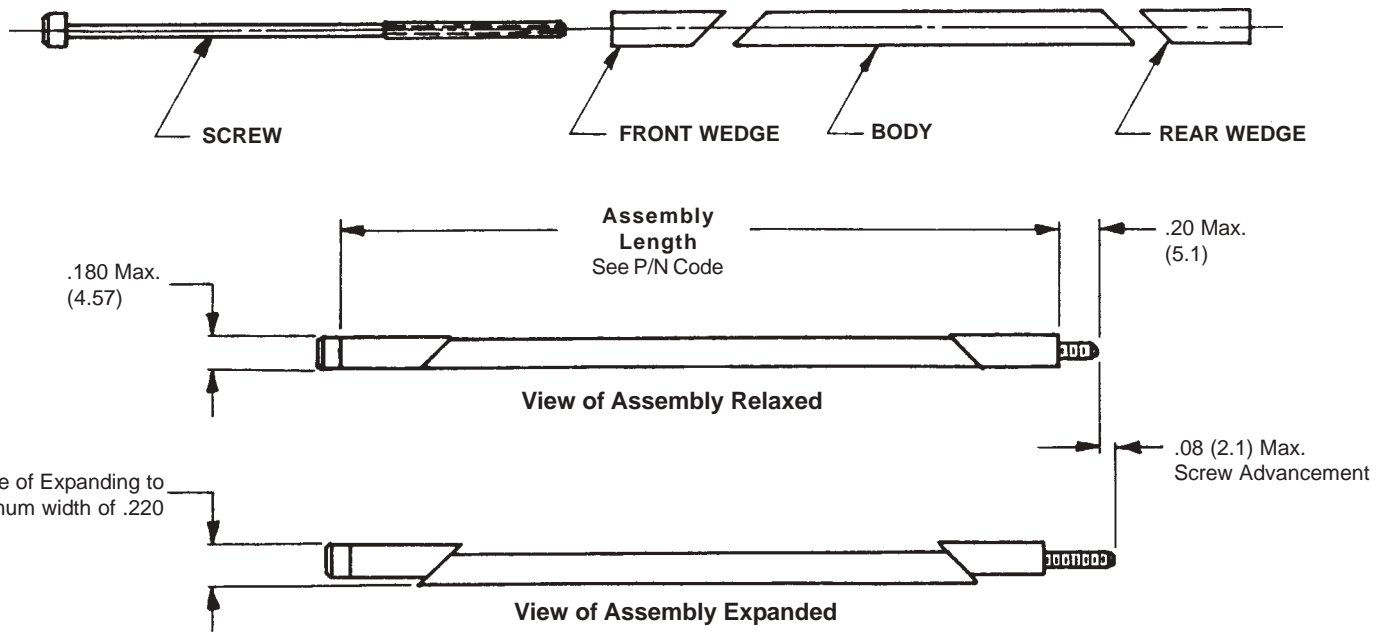


Calmark offers the Series 240 "Card-Lok" retainer for cold plate - heat exchanger applications. A narrow configuration PC card retainer that provides maximum heat sinking efficiency for high density card spacing.

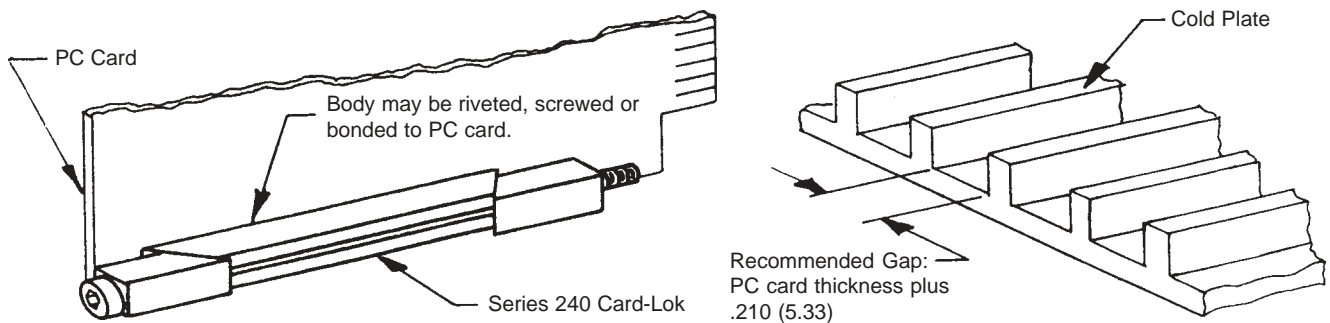
FEATURES:

- **Narrow width allows minimum card spacing.**
- **Positive locking provides maximum reliability.**
- **Maximum thermal transfer.**
- **Maximum resistance to shock and vibration.**
- **Zero insertion and extraction forces.**
- **Special lengths, finishes or other design variations available on request.**



APPLICATION DATA:

Recommended Torque 6 in-lbs. (68 N-cm)
If Locking Element option add 1 to 2 in-lbs (11 to 22 N-cm)



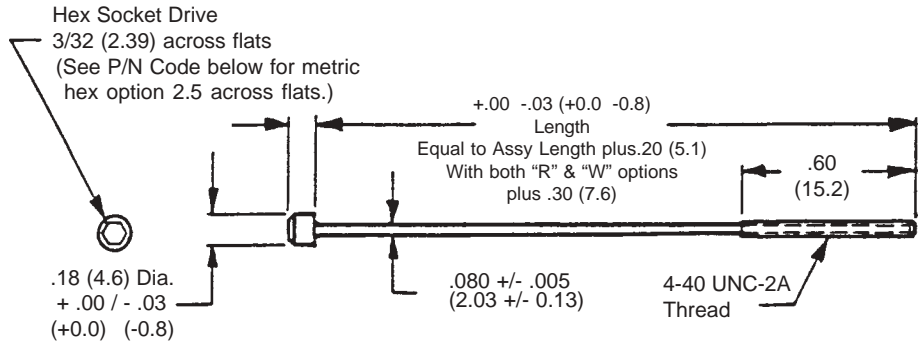
SCREW P/N 50505-Length

Material: Stainless Steel
QQ-S-763 or ASTM-A582

Finish: Passivate per MIL-S-5002

Weight: .028 oz./inch

Tolerances: .xxx = +/- .010, .xx = +/- .02
(.xx = +/- 0.25, .x = +/- 0.5)



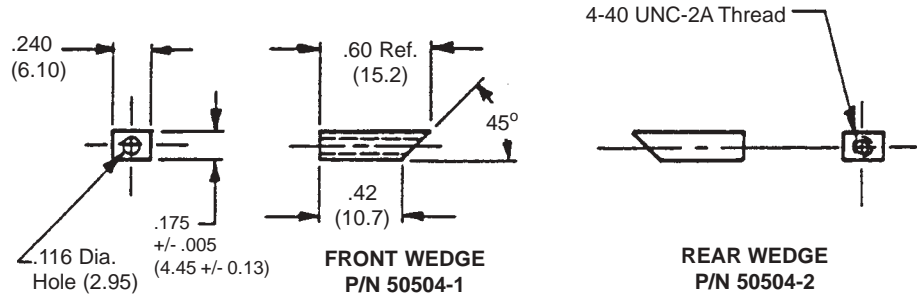
WEDGES

Material: Aluminum Alloy
6061-T6, ASTM-B221

Finish: See Part No. Code

Weight: Front Wedge: .026 oz. (0.74g)
Rear Wedge: .026 oz. (0.74g)

Tolerances: .xxx = +/- .010, .xx = +/- .02
(.xx = +/- 0.25, .x = +/- 0.5)



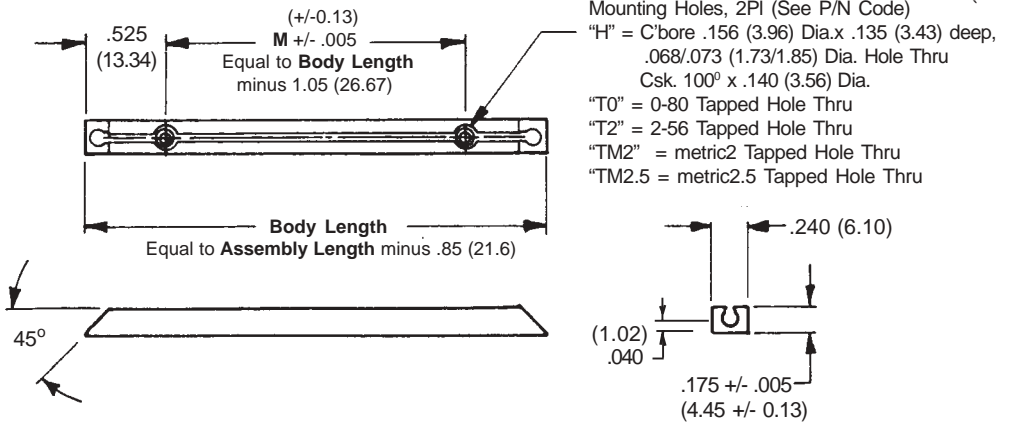
BODY P/N 50503-Length-H

Material: Aluminum Alloy
6061-T6, ASTM-B221

Finish: See Part No. Code

Weight: .041 oz./inch (0.46g/cm)

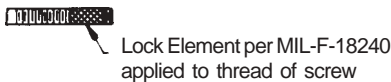
Tolerances: .xxx = +/- .010, .xx = +/- .02
(.xx = +/- 0.25, .x = +/- 0.5)



OPTIONAL DETAILS:

Detail "L" (Suffix)

Provides prevailing torque for resistance to loosening from shock vibration.



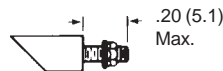
Detail "V" (Prefix)

Provides visual lock indicator.

NOT AVAILABLE ON SERIES 240

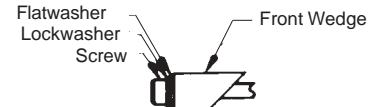
Detail "R" (Suffix)

Prevents unintentional disassembly of screw from rear wedge. Uses MS21043-04 modified to .180" (4.57) max. dia.



Detail "W" (Prefix)

Provides added resistance to loosening from shock and vibration. Uses an NAS1676C4 Lockwasher and Flatwasher-300 series CRES, .020" (.51) thk. x .189" (4.80) O.D.



PART NO. CODE

Option "M" Indicates Metric 2.5 Hex Socket

Option "W" Indicates Lockwasher and Flatwasher (See Detail "W")

Finish options

No prefix = Chemical Film per Mil-C-5541
"A" = Black Anodize per MIL-A-8625, Typ. II, Cl.2
"HA" = Black Hard Anodize MIL-A-8625, Type III, Class 2
"EN" = Electroless Nickel per MIL-C-26074, Gr. B, Cl. 4

Basic Series No. for assembly consisting of 1ea. Screw, Front & Rear Wedge, and Body

M W A 240 - 3.80 H L R

Option "R" Indicates Retained Screw. (See detail "R")

Option "L" Indicates Lock Element on Screw. (See detail "L")

Mounting Options (See body Detail)

"H" = Thru holes
"T0" = 0-80 tapped holes
"T2" = 2-56 tapped holes
"TM2" = Metric 2 tapped holes
"TM2.5" = Metric 2.5 tapped holes

Assembly Length in decimals. Standard lengths: 2.80, 3.80 & 4.80 (Other lengths on request)