

Calmark offers the Series 109 narrow profile aluminum Card Extractor for safe and efficient extraction of PC cards with limited available space. Single-side actuating foot design provides clearance for use on boards with "Card-Lok" clamping retainers. The Series 109 meets the requirements of DSCC Drawing Number 84191.

FEATURES:

- **Lever action provides mechanical advantage for safe and efficient extraction of PC boards.**
- **Meets requirements of DSCC 84191.**
- **Narrow profile requires minimum board space.**
- **Single-side actuating foot provides clearance for use with "Card-Lok" clamping retainers.**
- **Strong aluminum or stainless material.**
- **Available in colored finish for coding.**



MATERIALS & FINISHES:

Extractor .063 thk. Aluminum Alloy, type 5052-H32 per QQ-A-250/8
Chem film or anodize finish (See part number code)
or

.063 thk. Stainless Steel, type 304 per ASTM-A666
Passivated per AMS-QQ-P-35

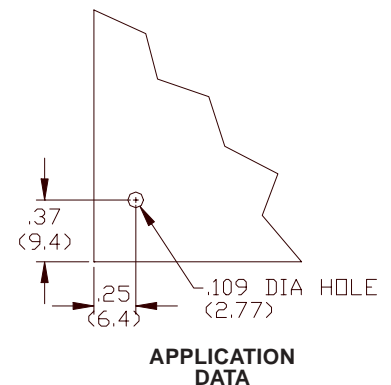
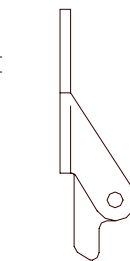
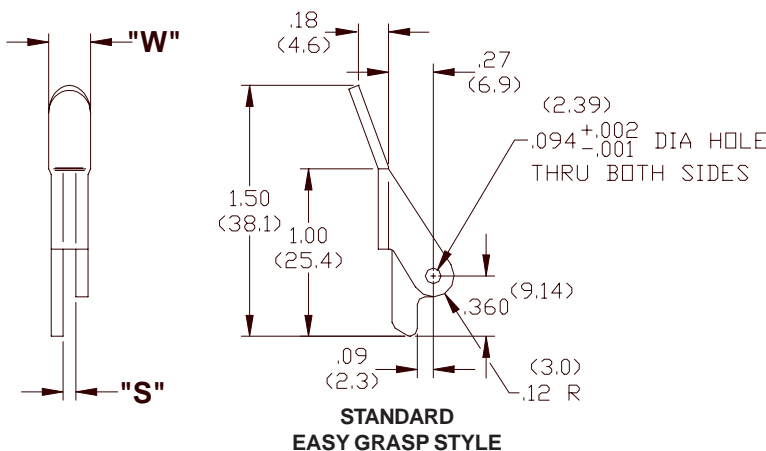
Roll Pin Stainless Steel, .093 dia. (2.38) x .187 (4.7) long.
-3 and -4 use .250 (6.4) long pin

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

APPLICATION DATA: Two (2) extractors are recommended per card.
(One "L" and one "R" per card)
Provides extraction travel of .45 (11.4) minimum,
with a mechanical advantage of 4.5 : 1.

TABULATION

Dash No.	Card Thickness	"S" Dim +/- .005 (+/- 0.13)	"W" Dim
-	1/16" (1.6)	.075 (1.91)	.25 (6.4)
- 3	3/32" (2.4)	.105 (2.67)	.25 (6.4)
- 4	1/8" (3.2)	.142 (3.61)	.29 (7.4)



PART NUMBER CODE: P F 109 -3 R -BLK

Prestarted pin option

Lever Style Option:
No Prefix = Easy grasp style
"F" = Flat style

Basic Number

Material option:
None = Aluminum Alloy
"CR" = Stainless Steel

Card Thickness Dash No.
(See Tabulation)

Aluminum Finish Options:

No Suffix = Chem Film (Gold) per MIL-C-5541, Class 1A
"BLK" = Black Anodize per Mil-A-8625, Type II, Class 2
(Additional colors available on request)

"R" = R.H. Part (Shown)
"L" = L.H. Part (Opposite)