

Calmark offers the Series 107-55 Inserter-Extractor for safe and easy insertion and extraction of PC cards in the severest applications of high insertion and extraction forces.

### FEATURES:

- "Ultra strong/extra leverage" design overcomes insertion and extraction forces of the highest possible limits.
- Provides mechanical advantage of 7:1.
- Narrow width- .290 inches (7.37).
- Actuates from a simple "U" channel form.
- Mounting detail on card retrofits other industry standards.
- No chamfer required on corner of card.



### MATERIALS & FINISH

**Inserter-Extractor:** Aluminum alloy 6061-T6.  
Black anodize per MIL-A-8625,  
Type II, Class 2.

**Roll Pins:** Stainless Steel (3/32" (2.38) Dia. x 1/4" (6.35) long).  
Furnished with each inserter-extractor.

**Weight:** .293 oz (8.31g)

**For Pre-Started Assembly pin add prefix "P" to part number (P107-55)**

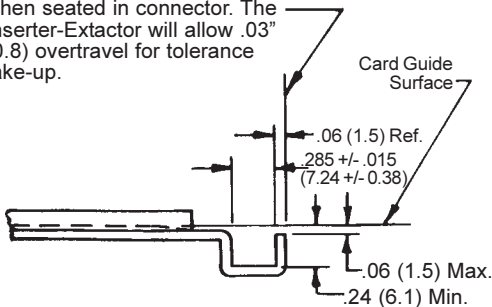
**TOLERANCES:** .xxx = +/- .010, .xx = +/- .02  
(.xx=+/- 0.25, .x=+/- 0.5)

**APPLICATION DATA:** Two (2) inserter-extractors are required per card.  
Provides insertion and extraction travel of  
.35" (8.9) minimum with a mechanical advantage of 7:1.

### TABULATION

PART NO.	Card Thickness
107-55	1/16" (1.6)
107-55-3	3/32" (2.4)
107-55-4	1/8" (3.2)

Nominal position of card edge when seated in connector. The Inserter-Extractor will allow .03" (0.8) overtravel for tolerance take-up.



**DETAIL OF ACTUATING SURFACES**  
Required on top and bottom guide plates of Calmark fabricated card cages.

