107-20-3

SCHROFF GMBH

Buy Now

Calmark offers the Series 101, 103, 104, 105 Card Extractors for efficient extraction of Printed Circuit Board from connectors and the Series 107 and 108 Card Inserter-Extractor for efficient insertion and extraction of Printed Circuit Board in high density connector contact and multiple connector applications.

FEATURES

- Lever action for safe easy card extraction
- Ample gripping and pushing surfaces for extracting and inserting card
- Available in colors for coding
- Generous area for hot stamp marking
- Exact replacement for other manufacturers

MATERIALS

Series 101, 103, 104, 105 molded in 6/6 Nylon. All Series 107 plastic extractors are molded in Glass Filled (30%) 6/6 or Type 6 Nylon. See table for flammability ratings. UL94-V0 parts are self extinguishing to flame. May be used at 121°C (250°F) continuously. Resistant to alkalies, weak acids, and common solvents.

ROLL PINS

- 2.38 (.094) dia x 6.35 (.250) long Series 101, 103, 104, 105, 107, 107-10, 107-20, 107-20-3, 107-70, 107-70-3
- 2.38 (.094) dia x 7.95 (.313) long Series 107-3, 107-10-3, 107-70-4
- 3.18 (.125) dia x 6.35 (.250) long Series 108
- 1.98 (.076) dia x 7.95 (.313) Series 107-30
- 2.38 (.094) dia x 12.7 (.500) long Series 107-40

COLOR

Other colors available see Part number code. Series 101, 103, 104, 105 standard color is natural/white. Series 107 and 108 standard color is black. For standard colors, a color suffix is not necessary.

HOT STAMPING

Hot stamp marking service is available. Please contact an Application Engineer with your requirements.

SERIES P - PRE-STARTED ASSEMBLY PIN

Calmark offers any of our extractors and inserter-extractors with the option of Pre-Started Assembly Pin.

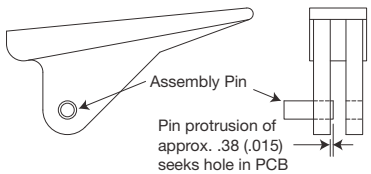
FEATURES

- Faster and easier installation of extractor to PC card
- Eliminates need for special tools or equipment and set-up time
- Eliminates loss of loose assembly pins

Series 101 to 108 - Plastic Extractors

Series Part Number	Feature	Board Thickness	Standard Color	UL 94	Mechanical Advantage	Figures
101	E	1.6 (.063)	natural	V-2	3:1	1/A
V0101	E	1.6 (.063)	natural	V-0	3:1	1/A
103	E D	1.6 (.063)	natural	V-2	3:1	2/A
V0103	E	1.6 (.063)	natural	V-0	3:1	2/A
103-3	E D	2.4 (.093)	natural	V-2	3:1	2/A
V0103-3	E	2.4 (.093)	natural	V-0	3:1	2/A
104	E D	1.6 (.063)	natural	V-2	3:1	3/A
V0104	E	1.6 (.063)	natural	V-0	3:1	3/A
104-3	E D	2.4 (.093)	natural	V-2	3:1	3/A
V0104-3	E	2.4 (.093)	natural	V-0	3:1	3/A
105	E D	1.6 (.063)	natural	V-2	3:1	4/A or B
V0105	E	1.6 (.063)	natural	V-0	3:1	4/A or B
105-3	E D	2.4 (.093)	natural	V-2	3:1	4/A or B
V0105-3	E	2.4 (.093)	natural	V-0	3:1	4/A or B
107	I E D	1.6 (.063)	black	V-0	4.5:1	5/C
107-3	I E D	2.4 (.093)/3.2 (.125)	black	V-0	4.5:1	5/C
107-10	I E D	1.6 (.063)	black	V-0	3.3:1	6/C
107-10-3	I E D	2.4 (.093)	black	V-0	3.3:1	6/C
107-20	I E L	1.6 (.063)	black	V-2	4.5:1	7/D
V0107-20	I E L	1.6 (.063)	black	V-0	4.5:1	7/D
107-20-3	I E L	2.4 (.093)	black	V-0	4.5:1	7/D
V0107-20-3	I E L	2.4 (.093)	black	V-0	4.5:1	7/D
107-30	I E	1.6 (.063)	black	V-0	5.5:1	8/E
107-40	I E D	1.6 (.063)	black	V-0	4.5:1	9/C
107-40-3	I E	2.4 (.093)/2.4 (.125)	black	V-0	4.5:1	9/C
107-70	I E L	1.6 (.063)	black	V-0*	4.5:1	10/D
107-70-3	I E L	2.4 (.093)	black	V-0*	4.5:1	10/D
107-70-4	I E L	3.2 (.125)	black	V-0*	4.5:1	10/D
108	I E	1.6 (.063)	black	V-0	4.5:1	11/F

Feature: I = Inserter E = Extractor L = Latching D = meets DSCC 83023
For Pre-start pin feature, add "P" prefix to part number
*Main handle portion is UL-94V0, but latch is UL94-V2
For colors other than the standard color, use one of the following suffixes: BLK, BRN, RED, ORG, YEL, GRN, BLU, PRP, GRY or WHT.



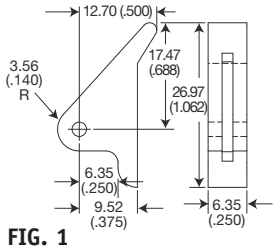


FIG. 1

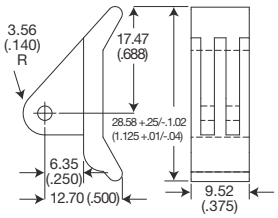


FIG. 2

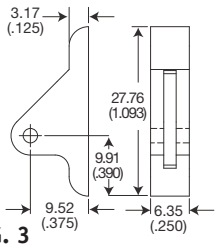


FIG. 3

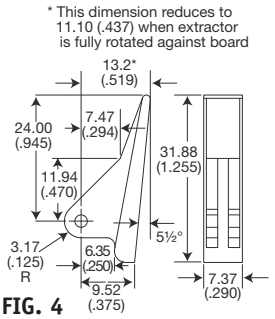


FIG. 4

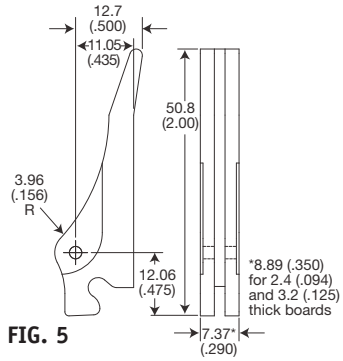


FIG. 5

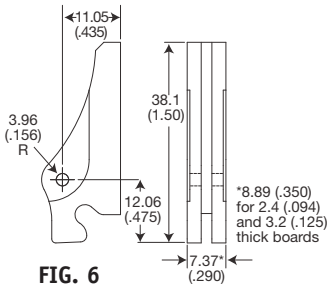


FIG. 6

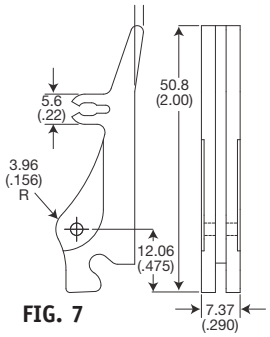


FIG. 7

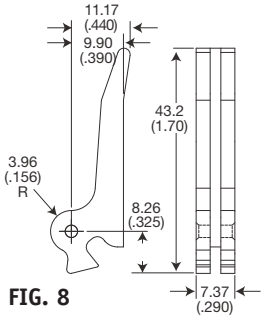
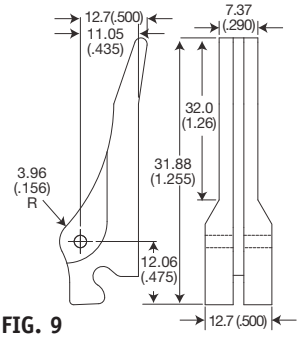


FIG. 8



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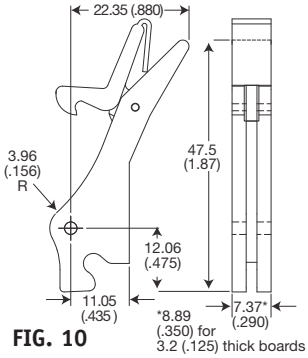


FIG. 10

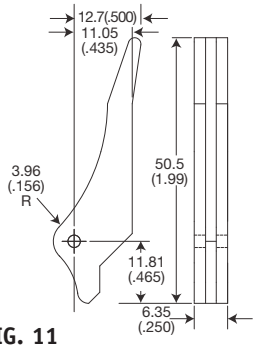
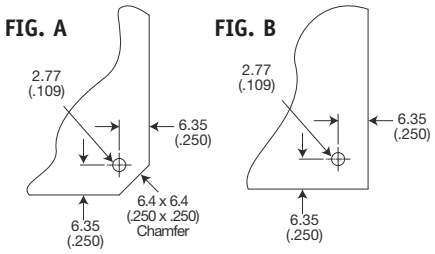


FIG. 11

Units: mm (in)
Unless specified otherwise,
.xx = ± .25, .x = ±.5
(.xxx = ± .010, .xx = ± .02)

APPLICATION DATA

Two inserter or inserter-extractors are recommended per printed circuit board taller than 127 (5) in height.



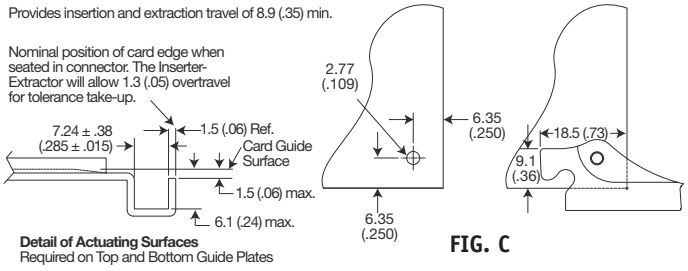


FIG. C

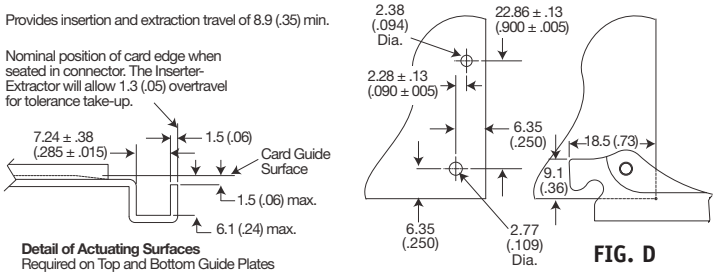


FIG. D

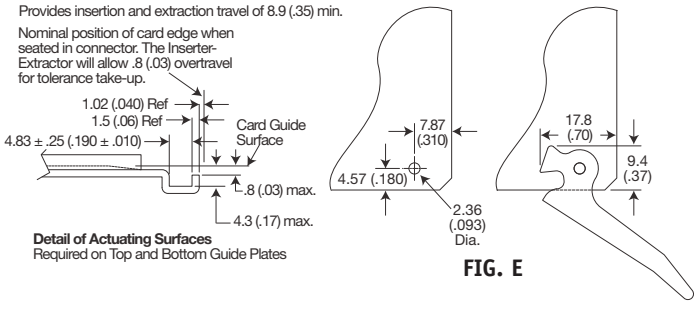


FIG. E

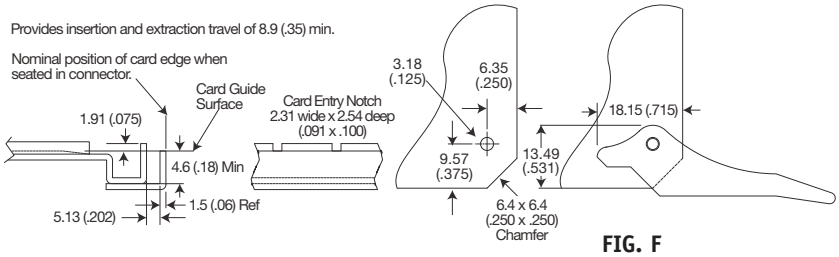


FIG. F

Units: mm (in)
Unless specified otherwise,
.xx = ± .25, .x = ±.5
(.xxx = ± .010, .xx = ± .02)