



Series 535 LO-PRO® file Surface Mount PLCC Sockets

FEATURES:

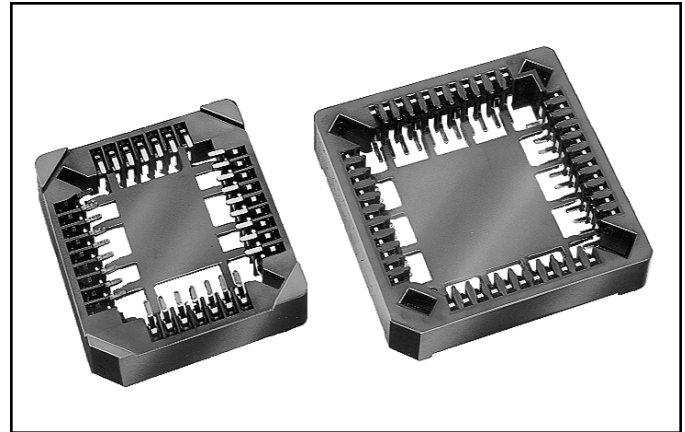
- JEDEC Type A PC board patterns for surface mount pins on .050 [1.27] centers.
- Low profile, open plastic for easy surface mount solder joint inspection.
- Center pad provided for pick and place or adhesive bonding.
- Reflow solderable by all conventional processes.
- Optional polarization pins are available.

SPECIFICATIONS:

- Body material is black UL 94V-0 PPS.
- Contacts are Phosphor Bronze.
- Contact plating is 120µ [3.05µm] min. Tin over 35µ [.89µm] min. Nickel.
- Contact current rating=1 Amp.
- Contact resistance=30 mOhms max. @ DC 100 mAmps.
- Withstanding voltage= 500 VAC for 1 minute.
- Operating temperature=-67°F to 221°F [-55°C to 105°C].
- Insulation resistance=1000 MOhms min. @ DC 100V.

MOUNTING CONSIDERATIONS:

- See PCB pad detail below and Data Sheet No. 14002.

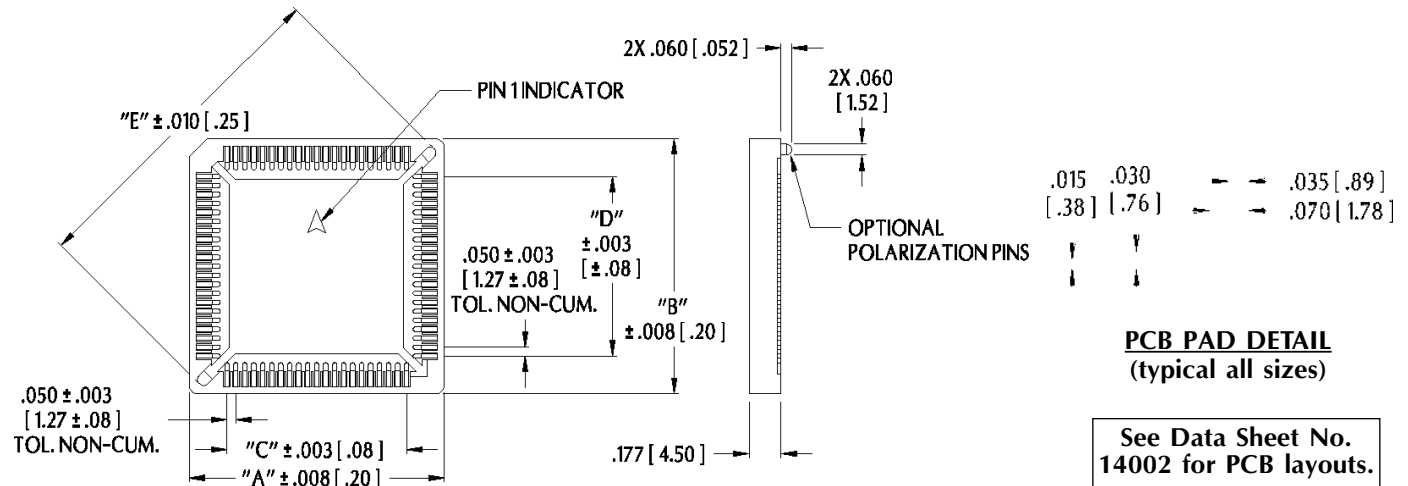
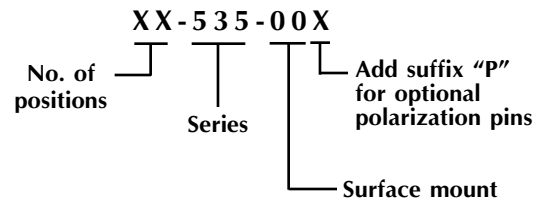


Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

ALL DIMENSIONS: INCHES [MILLIMETERS]

All tolerances ± .005 [.13]
unless otherwise specified

ORDERING INFORMATION



No. of Pos.	Dim. "A"	Dim. "B"	Dim. "C"	Dim. "D"	Dim. "E"
20	.610 [15.50]	.610 [15.50]	.200 [5.08]	.200 [5.08]	.628 [15.95]
28	.720 [18.28]	.709 [18.00]	.300 [7.62]	.300 [7.62]	.771 [19.59]
32	.709 [18.00]	.810 [20.58]	.300 [7.62]	.400 [10.16]	.880 [22.34]
44	.917 [23.28]	.917 [23.28]	.500 [12.70]	.500 [12.70]	1.087 [27.60]
52	1.020 [25.90]	1.020 [25.90]	.600 [15.24]	.600 [15.24]	1.215 [30.86]
68	1.218 [30.94]	1.218 [30.94]	.800 [20.32]	.800 [20.32]	1.512 [38.40]
84	1.417 [36.00]	1.417 [36.00]	1.000 [25.40]	1.000 [25.40]	1.764 [44.80]

PLCC sockets with thru-hole solder tail pins also available. Consult Data Sheet Nos. 14003 and 14004.