CHIP CARRIER SOCKETS
SURFACE MOUNT & SOLDER TAIL
OPEN PLASTIC/INSPECTABLE

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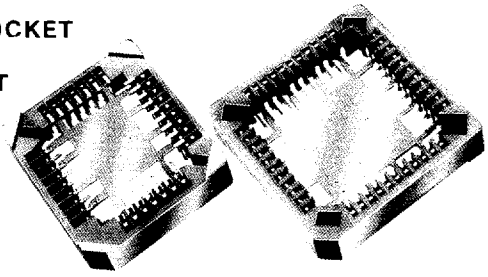
ARIES® ELECTRONICS, INC.

CHIP CARRIER SOCKET LOW PROFILE /SURFACE MOUNT

20, 28, 32, 44, 52, 68, 84 pins



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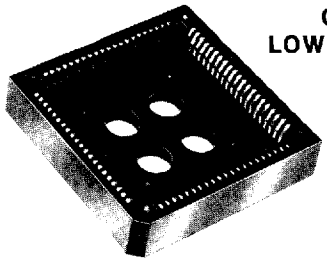
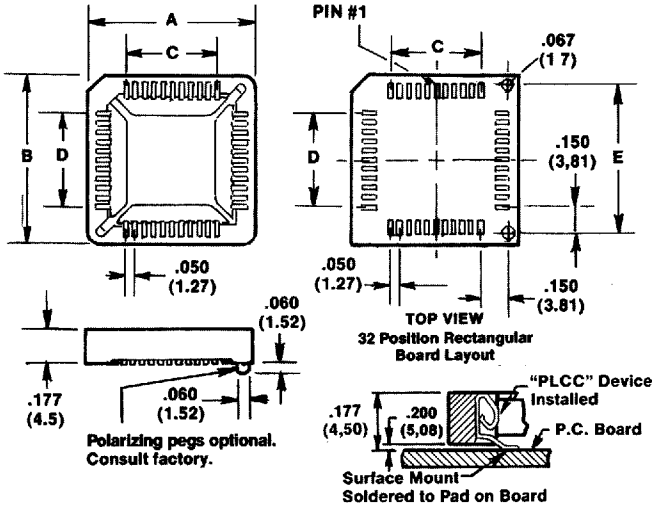
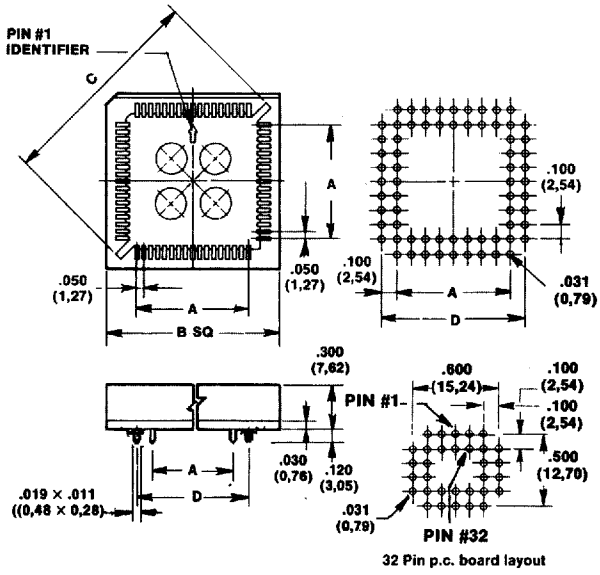


SURFACE MOUNT FEATURES:
- JEDEC Type A pc board patterns for surface mount pins on .050 (1,27) centers
- Open plastic/inspectable
- Low profile
- Tin plated contacts
- Center pad provided for pick and place and adhesive bonding
- Reflow soldered by all conventional processes



SOLDER TAIL FEATURES:
- Accepts JEDEC leaded Type A (plastic leaded chip carrier) PLCC
- Contact solder tails on .100 (2,54) grid
- Low profile
- Tin plated contacts



SURFACE MOUNT

No. Contacts	A	B	C	D	E
20	.610 (15,49)	.610 (15,49)	.200 (5,08)	.200 (5,08)	.500 (12,70)
28	.710 (18,03)	.710 (18,03)	.300 (7,62)	.300 (7,62)	.600 (15,24)
32	.810 (20,57)	.710 (18,03)	.300 (7,62) .400 (10,16)	.300 (7,62) .400 (10,16)	.700 (17,78)
44	.910 (23,11)	.910 (23,11)	.500 (12,70)	.500 (12,70)	.800 (20,32)
52	1.010 (25,65)	1.010 (25,65)	.600 (15,24)	.600 (15,24)	.900 (22,86)
68	1.220 (30,99)	1.220 (30,99)	.800 (20,32)	.800 (20,32)	1.100 (27,94)
84	1.420 (36,07)	1.420 (36,07)	1.000 (25,40)	1.000 (25,40)	1.300 (33,02)

SOLDER TAIL

No. Contacts	A	B	C	D
20	.200 (5,08)	.620 (15,75)	.725 (18,42)	.400 (10,16)
28	.300 (7,62)	.720 (18,29)	.815 (20,70)	.500 (12,70)
32	.300 (7,62) .400 (10,16)	.720 (18,29) .820 (20,83)	.955 (24,26)	.500 (12,70) .600 (15,24)
44	.500 (12,70)	.920 (23,37)	1.150 (29,21)	.700 (17,78)
52	.600 (15,24)	1.020 (25,91)	1.235 (31,37)	.800 (20,32)
68	.800 (20,32)	1.220 (30,99)	1.540 (39,12)	1.000 (25,40)
84	1.000 (25,40)	1.420 (36,07)	1.795 (45,59)	1.200 (30,48)

MATERIAL SPECIFICATIONS:
Contacts: Phosphor Bronze
Plating: 100/150μ" 90% Tin/10% Lead over 80μ" Nickel
Body: Solder Tail - 30% G.F. P.B.T., UL 94V-0 rated
Surface Mount: L.C.P. UL 94V-0 rated

PERFORMANCE CHARACTERISTICS:
Test Current ..... 1 ampere
Contact resistance .....30mOhm (max.)
Operating temperature continuous (PBT and LCP):
-67°F + 230°F -55°C + 110°C
Insulation resistance .....1,000 megohms
Durability .....25 cycles; no electrical degradation
Thermal shock ...MIL-STD-202 Method 107, condition B, no physical or electrical degradation.
Vibration ....MIL-STD 1344, Method 2005, condition 3, 1 microsecond interruption max.
Mechanical shock .....MIL-STD-1344, Method 2004, condition A, 1 microsecond interruption max.
Dielectric withstanding voltage .... 500 VAC RMS min.

HOW TO ORDER

XX - 535 - X O

- XX: No. of Pins 20*, 28, 32, 44, 52, 68, 84
- 535: Series *Solder Tail only
- X: 0=Inspectable Surface Mount, 1=Solder Tail
- O: Tin Plated only

Extraction Tool: Consult factory for details Cat. No. T-535