

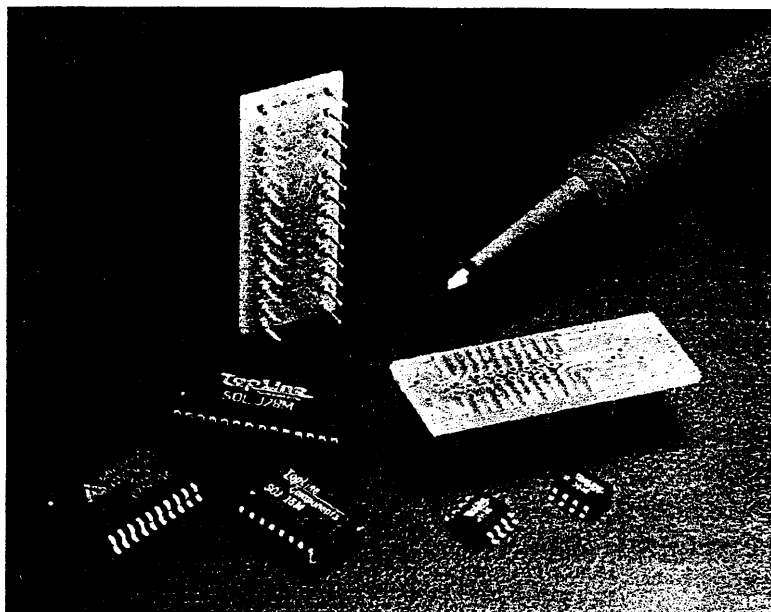
547 219 → 547 300



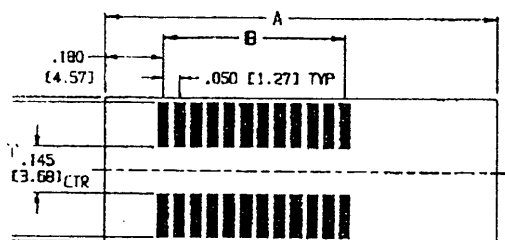
Tel: +44(908) 260007

Unit 3, Furtho Court
Towcester Road, Old Stratford
Milton Keynes MK19 6AQ
Fax: +44(908) 260008

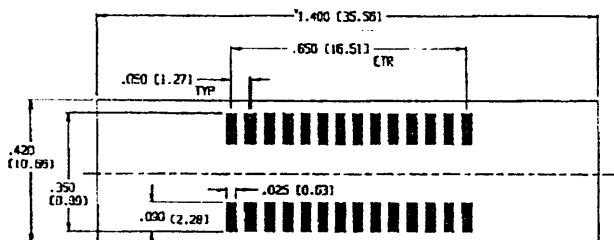
SOIC to DIP Adapters



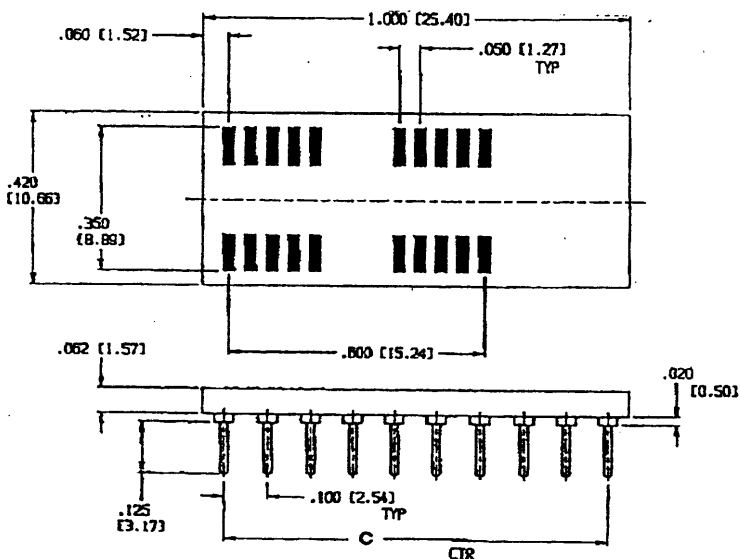
- ✓ Converts SOIC footprint to DIP footprint
- ✓ 8 to 28 pins
- ✓ 8 to 24 pin version is Universal, suitable for SOJ footprint
- ✓ Alternative 20 pin version also available
- ✓ Pins: Phosphor bronze
- ✓ Base material: FR4



XX-350000-10

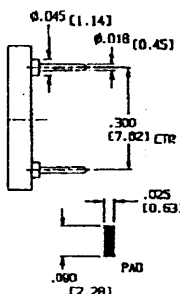


28-350002-10



20-350001-10

-XX	PINS	A	B	C
8	8	.400 [10.16]	.150 [3.81]	.300 [7.62]
14	14	.700 [17.78]	.300 [7.62]	.600 [15.24]
16	16	.800 [20.32]	.350 [8.89]	.700 [17.78]
18	18	.900 [22.86]	.400 [10.16]	.800 [20.32]
20	20	1.000 [25.40]	.450 [11.43]	.900 [22.86]
24	24	1.200 [30.48]	.550 [13.97]	1.100 [27.94]
28	28	1.400 [35.56]	.650 [16.51]	1.300 [33.02]



Specifications:

PCB: FR4, 0.062" (1.57mm) thick, 1 Oz Cu, two sides

PADS: 1 Oz Cu

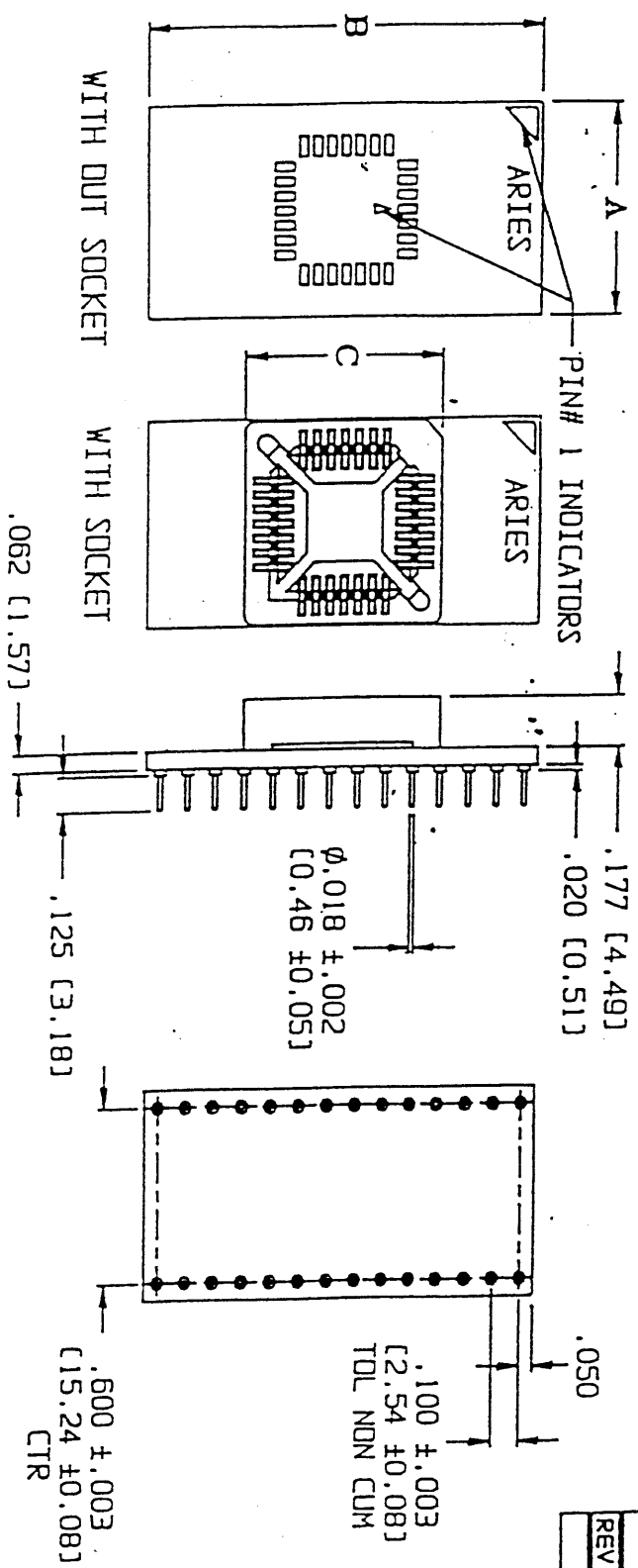
PINS: Phosphor Bronze plated with 200u" (5.08 um) min. tin per MIL-T-10727 over 100 u" (2.54 uM) min. Nickel per QQ-N-290

How to order:

XX-35000X-10

No. of pins Series 0=8-24 pins Solder tail only
1=20 pin split
2=28 pins

CATALOG NO.			
XX-65X000-10			
REV	ECN NO.	DATE	APP



NO. OF POSITIONS	DIMENSIONS			CATALOG NUMBER	
	A	B	C	WITH DUT SOCKET	WITH SOCKET
28	.77 [19.6]	1.40 [35.56]	.705 [17.91]	28-652000-10	28-653000-10
44	.97 [24.6]	2.20 [55.88]	.910 [23.11]	44-652000-10	44-653000-10
68	1.28 [32.5]	3.40 [86.36]	1.220 [30.99]	68-652000-10	68-653000-10
84	1.48 [37.6]	4.20 [106.68]	1.420 [36.07]	84-652000-10	84-653000-10
INCH OR INCH (MM)	TOLERANCES UNLESS OTHERWISE SPECIFIED			MATERIAL SEE NOTES	
	0.0	±		USED DNI	DES
	0.00	± .015		DRY: JS 05/10/94	DES: JS 05/10/94
	0.000	± .005		HALD NO.	CKO: N 05/11/94
	ANGLES	± 2°		APP: HJS 05/11/94	APP: HJS 05/11/94

NOTES:

1. MATERIALS:
PINS & CONTACTS: PHOSPHOR BRONZE
ADAPTOR BODY: FR-4, .062 THICK
SOCKET: LCP, UL 94V-0 RATED
PADS & TRACES: 1oz. MIN COPPER
2. PLATING:
PINS: 200u" TIN PER MIL-T-10727 OVER
100u" NICKEL PER QQ-N-290
CONTACTS: 150u" 90/10 TIN/LEAD

ARIES
ELECTRONICS, INC.
FRENCHTOWN, N.J. 08825

SCALE: 1" = 1"

TITLE: ADAPTOR, PLCC TO DIP

SHEET 1 OF 1

SIZE: A

CATALOG NO. XX-65X000-10

REV: -



Series 35000X SOIC & SOJ to DIP Adapters

FEATURES:

- A cost effective means of upgrading to SOJ or SOIC...without changing your PCB layout.
- Available on .300 [7.62] centers. Consult Data Sheet No. 18011 for adapters on .400 [10.16], or .600 [15.24] centers.

SPECIFICATIONS:

- Board material is .062 thick FR-4 with 1 oz. Copper traces, both sides.
- Pins are Brass Alloy 360, 1/2 hard, per QQ-B-626.
- Pin plating is 200μ [5.08μm] min. 93/7 Tin/Lead per MIL-T-10727 Type 1 over 100μ [2.54μm] min. Nickel per QQ-N-290.
- Operating temperature=221°F [105°C].

MOUNTING CONSIDERATIONS:

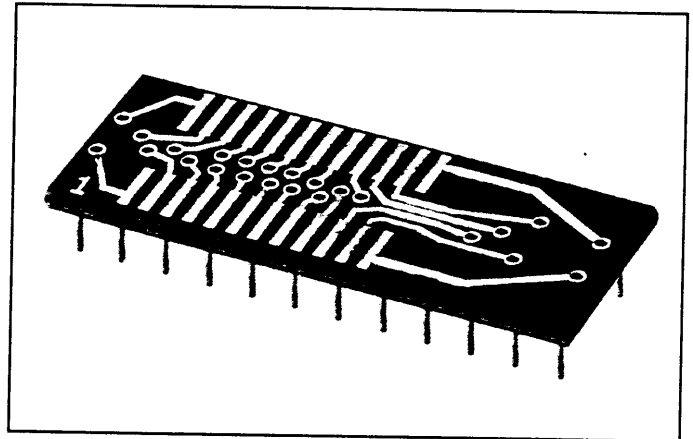
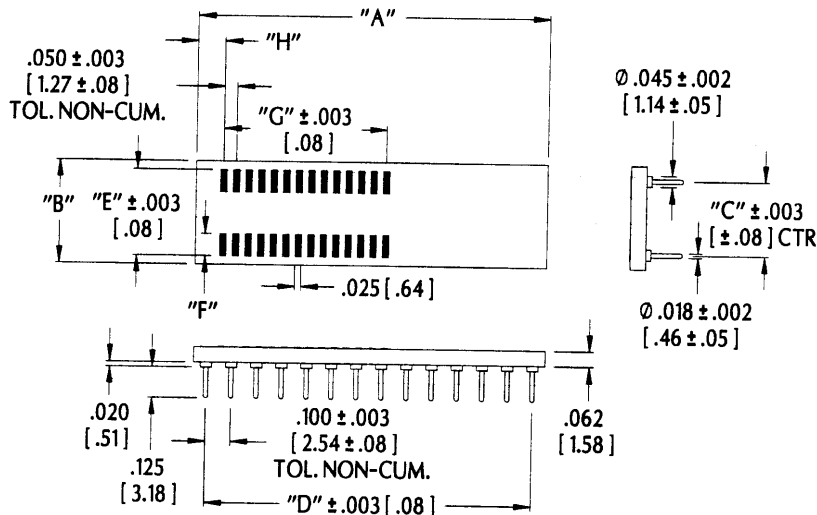
- Suggested PCB hole size=.028 ± .003 [.71 ± .08]. dia.

ALL DIMENSIONS: INCHES [MILLIMETERS]

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

"A"=NO. OF PINS PER ROW X .100 [2.54]

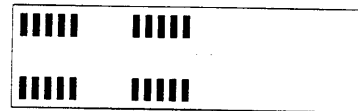
"D"=(NO. OF PINS PER ROW - 1) X .100 [2.54]



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.

ORDERING INFORMATION

See table for
part numbers



Part No. 20-350001-10
Board pad layout - top view

Available in panelized form
with or without customer
supplied devices mounted.
Consult factory.

Part No.	Pins	Type	Dim. "B"	Centers "C"	Dim. "E"	Dim. "F"	Dim. "G"	Dim. "H"
08-350000-10	8	SOIC	.450 [11.43]	.300 [7.62]	.420 [10.67]	.138 [3.51]	.150 [3.81]	.180 [4.57]
14-350000-10	14	SOIC	.450 [11.43]	.300 [7.62]	.420 [10.67]	.138 [3.51]	.300 [7.62]	.180 [4.57]
16-350000-10	16	SOIC	.450 [11.43]	.300 [7.62]	.420 [10.67]	.138 [3.51]	.350 [8.89]	.180 [4.57]
18-350000-10	18	SOIC	.450 [11.43]	.300 [7.62]	.420 [10.67]	.138 [3.51]	.400 [10.16]	.180 [4.57]
20-350000-10	20	SOIC	.450 [11.43]	.300 [7.62]	.420 [10.67]	.138 [3.51]	.450 [11.43]	.180 [4.57]
24-350000-10	24	SOIC	.450 [11.43]	.300 [7.62]	.420 [10.67]	.138 [3.51]	.550 [13.97]	.180 [4.57]
20-350001-10	20	SOJ	.420 [10.67]	.300 [7.62]	.350 [8.89]	.090 [2.29]	.600 [15.24]	.060 [1.52]
28-350002-10	28	SOIC	.420 [10.67]	.300 [7.62]	.350 [8.89]	.090 [2.29]	.650 [16.51]	.375 [9.53]

ARIES
ELECTRONICS, INC.
<http://www.arieselec.com> • info@arieselec.com

NORTH AMERICA
Frenchtown, NJ USA
TEL: (908) 996-6841
FAX: (908) 996-3891

UK/SCANDINAVIA/IRELAND
Milton Keynes, GB
TEL: +44 1908 260007
FAX: +44 1908 260008

EUROPE (MAINLAND)
Papendrecht, Holland
TEL: +31 78 615 94 65
FAX: +31 78 615 43 11

18010
REV.A