

# ARIES Sockets, Adapters and Jumpers

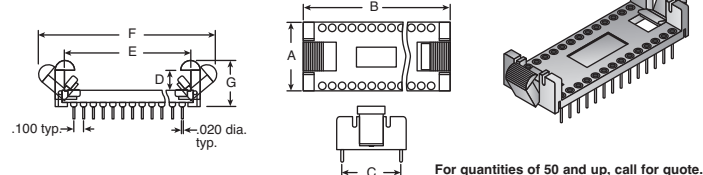


## LOCK/EJECT DIP SOCKETS

EJECT-A-DIP® is a rugged, solderable socket with a unique ejector/latch for fast in-field board maintenance. It locks in the connector or device, making it ideal for high vibration environments. When used as an ejector, it removes DIP packages without pin damage.

### Specifications:

- Pin body plating: tin glass-filled polyester (PBT)
- Contact current rating: 3A
- Body: UL 94V-0
- Contact plating: 10µ" gold



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Aries Part No.	# of Pins	Dimensions (In.)							Price Each		
			A	B	C	D	E	F	G	1	10	25
535-14-C280-10	14-C280-10	14	.40	.95	.30	.280	.77	1.30	.54	3.80	3.04	2.65
535-16-C280-10	16-C280-10	16	.40	1.05	.30	.280	.83	1.54	.54	4.10	3.28	2.65
535-28-C182-10	28-C182-10	28	.70	1.69	.60	.182	1.47	2.00	.46	6.08	4.88	4.21
535-32-C182-10	32-C182-10	32	.70	1.89	.60	.182	1.69	2.20	.46	6.95	5.56	4.70
535-40-C182-10	40-C182-10	40	.70	2.29	.60	.182	2.07	2.60	.46	7.83	6.76	5.85

## OPEN FRAME MACHINE PIN COLLET SOCKETS

### Specifications:

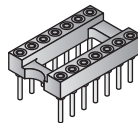
- Body: blue UL 94V-0 glass-filled polyester thermoplastic (PBT)
- Pins: 200µ" tin over 100µ" nickel plated brass
- Contacts: 10µ" gold over 50µ" nickel plated beryllium copper

### Features:

- Open frame allows for more efficient utilization of board space and better cooling
- Compatible with automatic insertion equipment

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Aries Part No.	No. of Pins	Pin Centers	Price Each		
				1	25	100
535-08-3518-10	08-3518-10	8	.300	.84	.65	.47
535-14-3518-10	14-3518-10	14	.300	1.20	1.11	.62
535-16-3518-10	16-3518-10	16	.300	1.37	1.26	.71
535-18-3518-10	18-3518-10	18	.300	1.69	1.56	.88
535-20-3518-10	20-3518-10	20	.300	1.53	1.41	.79
535-24-3518-10	24-3518-10	24	.300	1.92	1.77	1.00
535-24-6518-10	24-6518-10	24	.600	1.89	1.70	1.03
535-28-3518-10	28-3518-10	28	.300	2.57	2.32	1.41
535-28-6518-10	28-6518-10	28	.600	2.26	2.04	1.24
535-32-6518-10	32-6518-10	32	.600	2.57	2.32	1.41
535-40-6518-10	40-6518-10	40	.600	3.01	2.71	1.64
535-48-6518-10	48-6518-10	48	.600	3.88	3.50	2.12

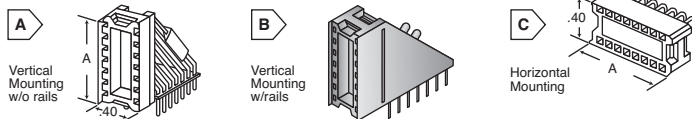


## DISPLAY SOCKETS

### Specifications:

- Body: red UL 94-HB glass-filled nylon
- Contacts: either 10µ" gold or 100µ" tin over 50µ" nickel plated phosphor bronze

### DIMENSIONS (IN.)



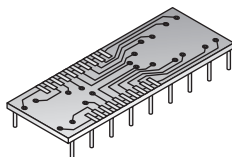
For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Aries Part No.	Fig.	A Dim. (In.)	No. of Pins	Plating	Row to Row Sp.		Price Each		
						Socket	Pin	1	10	25
535-14-810-90T	14-810-90T	A	.75	14	Tin	.300	.100	5.35	4.70	4.23
535-10-2810-90	10-2810-90	A	.55	10	Gold	.200	.100	7.20	6.04	5.31
535-14-810-90R	14-810-90R	B	.75	14	Tin	.300	.100	4.80	4.22	3.81
535-14-820-90T	14-820-90T	C	.75	14	Tin	.300	.100	3.80	3.04	2.65
535-14-823-90	14-823-90	C	.75	14	Gold	.300	.300	6.10	5.36	4.81
535-16-820-90T	16-820-90T	C	.85	16	Tin	.300	.100	4.10	3.28	2.65
535-40-6823-90	40-6823-90	C	2.05	40	Gold	.600	.300	18.33	16.12	14.55

## SSOP IC TO DIP ADAPTERS

### Specifications:

- Tin plated
- Solder tail pin
- Current rating: 1A
- Operating temperature: 105°C



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Aries Part No.	No. of Contacts	Price Each		
			1	10	25
535-14-351000-10	14-351000-10	14	26.83	24.46	22.53
535-16-351000-10	16-351000-10	16	26.83	24.46	22.53
535-18-351000-10	18-351000-10	18	23.86	21.80	20.03
535-20-351000-10	20-351000-10	20	26.83	24.46	22.53
535-24-351000-10	24-351000-10	24	26.83	24.46	22.53
535-28-351000-10	28-351000-10	28	26.83	24.46	22.53

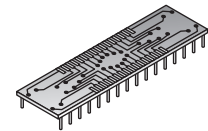
## SOIC AND SOJ TO DIP ADAPTERS

### Specifications:

- Board material: .062" FR-4
- Pins: brass alloy with tin over nickel plating

### Features:

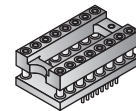
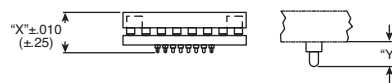
- Cost effective, permits upgrading to SOJ or SOIC--without changing PCB layout
- Available on .300", .400", and .600" centers



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Aries Part No.	No. of Pins	Pin Centers	Price Each		
				1	10	25
<b>.300" Centers</b>						
535-08-350000-10	08-350000-10	8	SOIC	5.96	5.50	5.00
535-14-350000-10	14-350000-10	14	SOIC	5.96	5.50	5.00
535-16-350000-10	16-350000-10	16	SOIC	5.96	5.50	5.00
535-18-350000-10	18-350000-10	18	SOIC	5.87	5.41	5.03
535-20-350000-10	20-350000-10	20	SOIC	5.96	5.50	5.00
535-20-350001-10	20-350001-10	20	SOJ	6.27	6.04	5.80
535-24-350000-10	24-350000-10	24	SOIC	5.76	5.40	4.90
535-28-350002-10	28-350002-10	28	SOIC	6.27	6.04	5.80
<b>.400" Centers</b>						
535-32-450001-10	32-450001-10	32	SOJ	9.80	8.94	8.41
<b>.600" Centers</b>						
535-24-650000-10	24-650000-10	24	SOIC	9.93	9.25	8.33
535-28-650000-10	28-650000-10	28	SOIC	10.84	10.21	9.43
535-32-650000-10	32-650000-10	32	SOJ	10.85	9.91	9.56

## DIP TO SOIC ADAPTERS



### Specifications:

- Socket body: Black, UL94V-0 Glass-filled 4/6 Nylon
- PCB: FR-4, .062" thick
- Contact current rating: 3A
- Operating temperature: 105°C

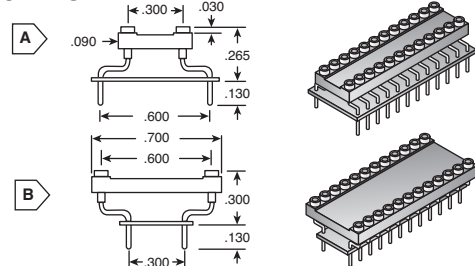
Part No. Suffix	Dim. "X"	Dim. "Y"
-10	.265 (6.73)	.050 (1.27)
-20	.325 (8.26)	.110 (2.79)

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Aries Part No.	No. of Contacts	Price Each		
			1	10	25
<b>Short Adapter Pin</b>					
535-08-354000-10	08-354000-10	8	23.98	19.72	17.75
535-14-3540-10	14-354000-10	14	24.48	19.42	18.40
535-16-354000-10	16-354000-10	16	25.68	22.12	20.52
535-20-354000-10	20-354000-10	20	26.90	23.49	20.84
535-24-354000-10	24-354000-10	24	27.10	25.53	23.31
535-28-354000-10	28-354000-10	28	27.26	25.62	24.53
<b>Long Adapter Pin</b>					
535-08-354000-20	08-354000-20	8	23.98	19.72	17.75
535-14-354000-20	14-354000-20	14	24.48	19.42	18.40
535-16-354000-20	16-354000-20	16	25.68	22.12	20.52
535-20-354000-20	20-354000-20	20	26.90	23.49	20.84
535-24-354000-20	24-354000-20	24	27.10	25.53	23.31
535-28-354000-20	28-354000-20	28	27.26	25.62	24.53

## DIP ADAPTER SOCKETS

These adapter sockets allow the use of .300" center devices when the PCB is drilled on .600" centers and vice-versa, giving the flexibility of using .600" or .300" center devices in the same application.



### Specifications:

- Pin body plating: tin
- 4-fingered collet contact: beryllium copper
- Contact plating: 30µ" gold
- Contact current rating: 3A
- Socket body: black UL 94-HB glass-filled nylon

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Aries Part No.	Fig	No. of Pins	Description	Price Each		
					1	10	25
535-1106396-24	1106396-24	A	24	.300" DIP to .600" PCB adapters	7.30	6.53	6.05
535-1106396-28	1106396-28	A	28	.300" DIP to .600" PCB adapters	8.25	7.20	6.60
535-1107254-24	1107254-24	B	24	.600" DIP to .300" PCB adapters	7.30	6.53	6.05
535-1107254-28	1107254-28	B	28	.600" DIP to .300" PCB adapters	8.25	7.20	6.95

## MINI-LINK™ MINIATURE JUMPER

### Specifications:

- Body: black UL 94V-0 glass-filled polyester thermoplastic
- Contacts: tin over nickel plated phosphor bronze



### Features:

- Mini-Link™ miniature jumpers are useful for jumpering .025" square pins on .100" centers
- Jumper terminal is partially exposed for testing

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Aries Part No.	Price Each		
		1	25	100
535-ME-100	ME-100	.15	.13	.11