

# 3M™ PLCC and DIP Sockets



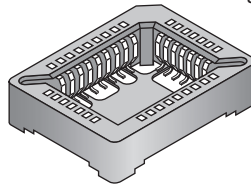
DIMENSIONS: in.

RoHS Compliant This product is RoHS compliant.

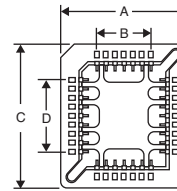
## 8400 SERIES PLCC SOCKETS

### Specifications:

- High temperature insulator compatible with IR reflow and wave soldering
- Compatible with automated loading equipment
- Open top design allows unrestricted air flow
- Molded slots for ease of device extraction
- Insulation Material: Glass filled Polyphenylene Sulfide (PPS)
- Flammability: UL 94V-0
- Contact Resistance: 15Ω
- Insulation Resistance: 103MΩ minimum
- Capacitance: 1 pF
- Temperature Rating: -40°C to +105°C
- RoHS Compliant per 3M documentation



Surface Mount



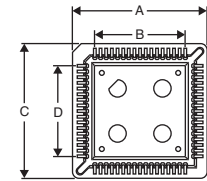
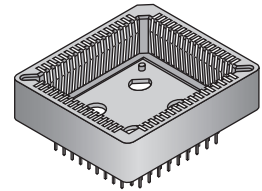
### Low Profile, 4-Row, Surface Mount

RoHS Compliant

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	No. of Contacts	Dim. A (In.)	Dim. B (In.)	Dim. C (In.)	Dim. D (In.)	Location Posts	Price Each			
								1	25	50	100
517-8420-21A1-RK-TP	8420-21A1-RK-TP	20	0.617	0.200	0.617	0.200	Yes	.64	.59	.55	.53
517-8420-21B1-RK-TP	8420-21B1-RK-TP	20	1.617	0.200	0.617	0.200	No	.64	.59	.55	.53
517-8428-21A1-RK-TP	8428-21A1-RK-TP	28	0.716	0.300	0.716	0.300	Yes	.66	.61	.57	.54
517-8428-21B1-RK-TP	8428-21B1-RK-TP	28	1.716	0.300	0.716	0.300	No	.66	.61	.57	.54
517-8432-21A1-RK-TP	8432-21A1-RK-TP	32	0.716	0.300	0.818	0.400	Yes	.72	.67	.63	.59
517-8432-21B1-RK-TP	8432-21B1-RK-TP	32	1.716	0.300	0.818	0.400	No	.72	.67	.63	.59
517-8444-21A1-RK-TP	8444-21A1-RK-TP	44	0.917	0.500	0.917	0.500	Yes	.87	.80	.75	.72
517-8444-21B1-RK-TP	8444-21B1-RK-TP	44	1.917	0.500	0.917	0.500	No	.87	.80	.75	.72
517-8452-21A1-RK-TP	8452-21A1-RK-TP	52	1.018	0.600	1.018	0.600	Yes	.95	.88	.83	.78
517-8452-21B1-RK-TP	8452-21B1-RK-TP	52	2.018	0.600	1.018	0.600	No	.95	.88	.83	.78
517-8468-21A1-RK-TP	8468-21A1-RK-TP	68	1.219	0.801	1.219	0.801	Yes	1.16	1.07	1.01	.96
517-8468-21B1-RK-TP	8468-21B1-RK-TP	68	2.219	0.801	1.219	0.801	No	1.16	1.07	1.01	.96
517-8484-21A1-RK-TP	8484-21A1-RK-TP	84	1.418	1.001	1.418	1.001	Yes	1.26	1.16	1.10	1.04
517-8484-21B1-RK-TP	8484-21B1-RK-TP	84	2.418	1.001	1.418	1.001	No	1.26	1.16	1.10	1.04

Thru-Hole



### 4-Row, Thru-Hole

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	No. of Contacts	Dim. A (In.)	Dim. B (In.)	Dim. C (In.)	Dim. D (In.)	Location Posts	Price Each			
								1	25	50	100
517-8420-11B1-RK-TP	8420-11B1-RK-TP	20	0.611	0.200	0.611	0.200	No	.62	.57	.54	.51
517-8428-11B1-RK-TP	8428-11B1-RK-TP	28	0.711	0.300	0.711	0.300	No	.70	.65	.61	.58
517-8432-11B1-RK-TP	8432-11B1-RK-TP	32	0.711	0.300	0.812	0.400	No	.74	.69	.64	.61
517-8444-11B1-RK-TP	8444-11B1-RK-TP	44	0.926	0.500	0.926	0.500	No	.89	.82	.77	.73
517-8452-11B1-RK-TP	8452-11B1-RK-TP	52	1.020	0.600	1.020	0.600	No	.97	.90	.84	.80
517-8468-11B1-RK-TP	8468-11B1-RK-TP	68	1.223	0.801	1.223	0.801	No	1.20	1.11	1.04	.98
517-8484-11B1-RK-TP	8484-11B1-RK-TP	84	1.420	1.001	1.420	1.001	No	1.40	1.29	1.23	1.15

Sockets

3M

## 4800 SERIES DIP SOCKETS - STAMPED AND FORMED, DUAL-WIPE

### Specifications:

- Dual leaf, high compression contact provides reliable termination
- Contact Material: Phosphor Bronze
- Side and end stackable
- Insulation Material: Polyester Glass Filled
- Flammability: UL94V-0
- Color: Black
- RoHS Compliant per 3M documentation
- Insertion Force: 340 grams max. per contact
- Withdrawal Force: 80 grams min. per contact
- 3000 & 6000 versions have an Auto Insert Straight Lead
- 3004 & 6004 versions have a Self Locking Barb
- Acceptable Pin Sizes: Diameter-.010" - .011" (0.25mm - 0.27mm), Length-.100" - .130" (2.54mm - 3.30mm)
- Board mating height: .174 in.
- Mounting Information: Hole Diameter-.035" - .043" (0.90mm - 1.10mm), Current Rating: 1 A
- Insulation Resistance: 5,000MΩ min. at 500VDC
- Withstanding Voltage: 100VAC for 1 minute
- Temperature Rating: -25°C to +85°C



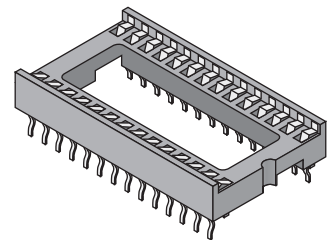
### Body Style "A"

RoHS Compliant

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	No. of Contacts	Row Spacing (In.)	Length (In.)	Width (In.)	Pin Dia. (In.)	Tail	Price Each			
								1	25	50	100
517-4808-3000-CP	4808-3000-CP	8	0.300	0.395	0.400	0.020	Straight	.19	.18	.16	.15
517-4808-3004-CP	4808-3004-CP	8	0.300	0.395	0.400	0.020	Kinked	.16	.15	.14	.13
517-4814-3000-CP	4814-3000-CP	14	0.300	0.695	0.400	0.020	Straight	.19	.18	.17	.16
517-4814-3004-CP	4814-3004-CP	14	0.300	0.695	0.400	0.020	Kinked	.16	.15	.14	.13
517-4816-3000-CP	4816-3000-CP	16	0.300	0.795	0.400	0.020	Straight	.19	.18	.17	.16
517-4816-3004-CP	4816-3004-CP	16	0.300	0.795	0.400	0.020	Kinked	.19	.18	.16	.15
517-4818-3000-CP	4818-3000-CP	18	0.300	0.895	0.400	0.020	Straight	.22	.21	.19	.18
517-4818-3004-CP	4818-3004-CP	18	0.300	0.895	0.400	0.020	Kinked	.21	.20	.19	.18
517-4820-3000-CP	4820-3000-CP	20	0.300	0.995	0.400	0.020	Straight	.22	.21	.19	.18
517-4820-3004-CP	4820-3004-CP	20	0.300	0.995	0.400	0.020	Kinked	.21	.20	.19	.18
517-4824-3000-CP	4824-3000-CP	24	0.300	1.195	0.400	0.020	Straight	.21	.20	.19	.18
517-4824-3004-CP	4824-3004-CP	24	0.300	1.195	0.400	0.020	Kinked	.23	.22	.21	.20

Body Style "A"



### Body Style "B"

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	No. of Contacts	Row Spacing (In.)	Length (In.)	Width (In.)	Pin Dia. (In.)	Tail	Price Each			
								1	25	50	100
517-4824-6000-CP	4824-6000-CP	24	0.600	1.195	0.700	0.020	Straight	.21	.20	.19	.18
517-4824-6004-CP	4824-6004-CP	24	0.600	1.195	0.700	0.020	Kinked	.23	.22	.21	.20
517-4828-6000-CP	4828-6000-CP	28	0.600	1.395	0.700	0.020	Straight	.20	.19	.18	.17
517-4828-6004-CP	4828-6004-CP	28	0.600	1.395	0.700	0.020	Kinked	.31	.30	.29	.27
517-4832-6000-CP	4832-6000-CP	32	0.600	1.595	0.700	0.020	Straight	.23	.22	.21	.20
517-4832-6004-CP	4832-6004-CP	32	0.600	1.595	0.700	0.020	Kinked	.28	.27	.26	.25
517-4840-6000-CP	4840-6000-CP	40	0.600	1.995	0.700	0.020	Straight	.28	.27	.26	.25
517-4840-6004-CP	4840-6004-CP	40	0.600	1.995	0.700	0.020	Kinked	.36	.35	.33	.32
517-4842-6000-CP	4842-6000-CP	42	0.600	2.101	0.700	0.020	Straight	.40	.39	.37	.34
517-4842-6004-CP	4842-6004-CP	42	0.600	2.101	0.700	0.020	Kinked	.46	.44	.42	.39
517-4848-6004-CP	4848-6004-CP	48	0.600	2.395	0.700	0.020	Kinked	.42	.41	.39	.36

Body Style "B"

