

# 3M™ PLCC and DIP Sockets



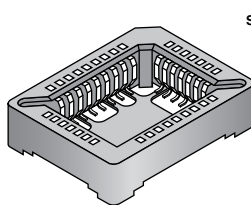
DIMENSIONS: in.

RoHS Compliant This product is RoHS compliant.

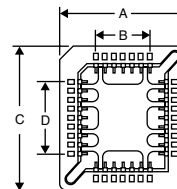
## 8400 SERIES PLCC SOCKETS

### 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



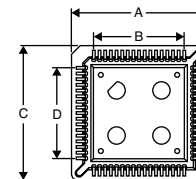
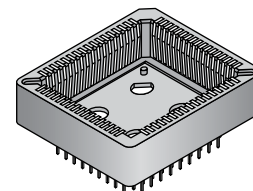
### Low Profile, 4-Row, Surface Mount

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				
517-8420-21B1-RK-TP	8420-21B1-RK-TP	20	1.617	0.200	0.617	0.200	No				
517-8428-21A1-RK-TP	8428-21A1-RK-TP	28	0.716	0.300	0.716	0.300	Yes				
517-8428-21B1-RK-TP	8428-21B1-RK-TP	28	1.716	0.300	0.716	0.300	No				
517-8432-21A1-RK-TP	8432-21A1-RK-TP	32	0.716	0.300	0.818	0.400	Yes				
517-8432-21B1-RK-TP	8432-21B1-RK-TP	32	1.716	0.300	0.818	0.400	No				
517-8444-21A1-RK-TP	8444-21A1-RK-TP	44	0.917	0.500	0.917	0.500	Yes				
517-8444-21B1-RK-TP	8444-21B1-RK-TP	44	1.917	0.500	0.917	0.500	No				
517-8452-21A1-RK-TP	8452-21A1-RK-TP	52	1.018	0.600	1.018	0.600	Yes				
517-8452-21B1-RK-TP	8452-21B1-RK-TP	52	2.018	0.600	1.018	0.600	No				
517-8468-21A1-RK-TP	8468-21A1-RK-TP	68	1.219	0.801	1.219	0.801	Yes				
517-8468-21B1-RK-TP	8468-21B1-RK-TP	68	2.219	0.801	1.219	0.801	No				
517-8484-21A1-RK-TP	8484-21A1-RK-TP	84	1.418	1.001	1.418	1.001	Yes				
517-8484-21B1-RK-TP	8484-21B1-RK-TP	84	2.418	1.001	1.418	1.001	No				

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				
517-8428-11B1-RK-TP	8428-11B1-RK-TP	28	0.711	0.300	0.711	0.300	No				
517-8432-11B1-RK-TP	8432-11B1-RK-TP	32	0.711	0.300	0.812	0.400	No				
517-8444-11B1-RK-TP	8444-11B1-RK-TP	44	0.926	0.500	0.926	0.500	No				
517-8452-11B1-RK-TP	8452-11B1-RK-TP	52	1.020	0.600	1.020	0.600	No				
517-8468-11B1-RK-TP	8468-11B1-RK-TP	68	1.223	0.801	1.223	0.801	No				
517-8484-11B1-RK-TP	8484-11B1-RK-TP	84	1.420	1.001	1.420	1.001	No				

Sockets

## 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

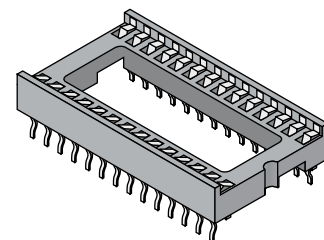


### Body Style "A"

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				
517-4808-3004-CP	4808-3004-CP	8	0.300	0.395	0.400	0.020	Kinked				
517-4814-3000-CP	4814-3000-CP	14	0.300	0.695	0.400	0.020	Straight				
517-4814-3004-CP	4814-3004-CP	14	0.300	0.695	0.400	0.020	Kinked				
517-4816-3000-CP	4816-3000-CP	16	0.300	0.795	0.400	0.020	Straight				
517-4816-3004-CP	4816-3004-CP	16	0.300	0.795	0.400	0.020	Kinked				
517-4818-3000-CP	4818-3000-CP	18	0.300	0.895	0.400	0.020	Straight				
517-4818-3004-CP	4818-3004-CP	18	0.300	0.895	0.400	0.020	Kinked				
517-4820-3000-CP	4820-3000-CP	20	0.300	0.995	0.400	0.020	Straight				
517-4820-3004-CP	4820-3004-CP	20	0.300	0.995	0.400	0.020	Kinked				
517-4824-3000-CP	4824-3000-CP	24	0.300	1.195	0.400	0.020	Straight				
517-4824-3004-CP	4824-3004-CP	24	0.300	1.195	0.400	0.020	Kinked				

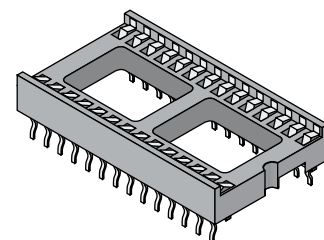


Body Style "A"

### 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				
517-4824-6004-CP	4824-6004-CP	24	0.600	1.195	0.700	0.020	Kinked				
517-4828-6000-CP	4828-6000-CP	28	0.600	1.395	0.700	0.020	Straight				
517-4828-6004-CP	4828-6004-CP	28	0.600	1.395	0.700	0.020	Kinked				
517-4832-6000-CP	4832-6000-CP	32	0.600	1.595	0.700	0.020	Straight				
517-4832-6004-CP	4832-6004-CP	32	0.600	1.595	0.700	0.020	Kinked				
517-4840-6000-CP	4840-6000-CP	40	0.600	1.995	0.700	0.020	Straight				
517-4840-6004-CP	4840-6004-CP	40	0.600	1.995	0.700	0.020	Kinked				
517-4842-6000-CP	4842-6000-CP	42	0.600	2.101	0.700	0.020	Straight				
517-4842-6004-CP	4842-6004-CP	42	0.600	2.101	0.700	0.020	Kinked				
517-4848-6004-CP	4848-6004-CP	48	0.600	2.395	0.700	0.020	Kinked				



Body Style "B"