

3M™ .100" x .100" Boardmount Connectors

RoHS Compliant This product is RoHS compliant.

2500 SERIES .100" X .100" LOW PROFILE BOX HEADERS

Specifications:

- Solder Tail Type
- Low profile, space saving design
- High temperature insulator suitable for "no lead" soldering operations
- Suitable for reflow soldering using "paste in hole" techniques
- Insulation material: Glass filled polyester (PCT)
- Flammability: UL 94V-0
- Color: Black
- Contact material: Copper Alloy
- Contact plating: 30µ" Gold
- Terminal finish indicator: e3 (per JESD97)
- Current rating: 2A
- Insulation resistance: >1x 10⁹ @ 500VDC
- Withstanding voltage: 1000 Vrms @ sea level
- Temperature rating: 55°C to +105°C
- Process rating: Maximum 260°C, single pass, (profile per J-STD-020C)
- Moisture sensitivity level: 1 (per J-STD-020C)
- Mates w/socket series: CHG, 8500, 3000, and 891
- RoHS compliant per 3M documentation

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Price Each			
				1	25	50	100
Straight - Through Hole							
517-N2510-6002RB	N2510-6002RB	A	10				
517-N2514-6002RB	N2514-6002RB	A	14				
517-N2516-6002RB	N2516-6002RB	A	16				
517-N2520-6002RB	N2520-6002RB	A	20				
517-N2524-6002RB	N2524-6002RB	A	24				
517-N2526-6002RB	N2526-6002RB	A	26				
517-N2530-6002RB	N2530-6002RB	A	30				
517-N2534-6002RB	N2534-6002RB	A	34				
517-N2540-6002RB	N2540-6002RB	A	40				
517-N2550-6002RB	N2550-6002RB	A	50				
517-N2560-6002RB	N2560-6002RB	A	60				
517-N2564-6002RB	N2564-6002RB	A	64				
Right Angle - Through Hole							
517-N2510-5002RB	N2510-5002RB	B	10				
517-N2514-5002RB	N2514-5002RB	B	14				
517-N2516-5002RB	N2516-5002RB	B	16				
517-N2520-5002RB	N2520-5002RB	B	20				
517-N2524-5002RB	N2524-5002RB	B	24				
517-N2526-5002RB	N2526-5002RB	B	26				
517-N2530-5002RB	N2530-5002RB	B	30				
517-N2534-5002RB	N2534-5002RB	B	34				
517-N2540-5002RB	N2540-5002RB	B	40				
517-N2550-5002RB	N2550-5002RB	B	50				
Straight - Surface Mount							
517-N2510-6VOC-RB-WD	N2510-6VOC-RB-WD	C	10				
517-N2514-6VOC-RB-WD	N2514-6VOC-RB-WD	C	14				
517-N2416-6VOC-RB-WE	N2516-6VOC-RB-WE	C	16				
517-N2520-6VOC-RB-WE	N2520-6VOC-RB-WE	C	20				
517-N2524-6VOC-RB-WE	N2524-6VOC-RB-WE	C	24				
517-N2526-6VOC-RB-WF	N2526-6VOC-RB-WF	C	26				
517-N2530-6VOC-RB-WF	N2530-6VOC-RB-WF	C	30				
517-N2534-6VOC-RB-WF	N2534-6VOC-RB-WF	C	34				
517-N2540-6VOC-RB-WH	N2540-6VOC-RB-WG	C	40				
517-N2550-6VOC-RB-WG	N2550-6VOC-RB-WG	C	50				

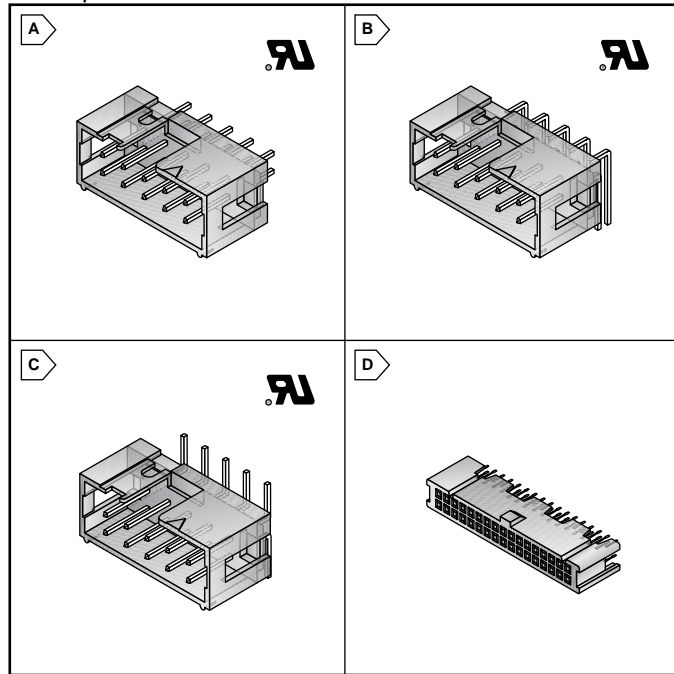
D2500 SERIES .100" X .100" LOW PROFILE BOX HEADERS

Specifications:

- Contact Plating 10µ" Gold
- Low profile, space saving design
- High temperature insulator suitable for "no lead" soldering operations
- Insulation material: Glass filled polyester (PCT)
- Flammability: UL 94V-0
- Color: Black

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Price Each			
				1	25	50	100
Straight - Through Hole							
517-D2510-6002-AR	D2510-6002-AR	A	10				
517-D2514-6002-AR	D2514-6002-AR	A	14				
517-D2516-6002-AR	D2516-6002-AR	A	16				
517-D2520-6002-AR	D2520-6002-AR	A	20				
517-D2526-6002-AR	D2526-6002-AR	A	26				
517-D2530-6002-AR	D2530-6002-AR	A	30				
517-D2534-6002-AR	D2534-6002-AR	A	34				
517-D2540-6002-AR	D2540-6002-AR	A	40				
517-D2550-6002-AR	D2550-6002-AR	A	50				
Right Angle - Through Hole							
517-D2510-5002-AR	D2510-5002-AR	B	10				
517-D2514-5002-AR	D2514-5002-AR	B	14				
517-D2516-5002-AR	D2516-5002-AR	B	16				
517-D2520-5002-AR	D2520-5002-AR	B	20				
517-D2526-5002-AR	D2526-5002-AR	B	26				
517-D2530-5002-AR	D2530-5002-AR	B	30				
517-D2534-5002-AR	D2534-5002-AR	B	34				
517-D2540-5002-AR	D2540-5002-AR	B	40				
517-D2550-5002-AR	D2550-5002-AR	B	50				
Straight - Surface Mount							
517-D2510-6VOC-AR-WD	D2510-6VOC-AR-WD	C	10				
517-D2514-6VOC-AR-WD	D2514-6VOC-AR-WD	C	14				
517-D2516-6VOC-AR-WE	D2516-6VOC-AR-WE	C	16				
517-D2520-6VOC-AR-WE	D2520-6VOC-AR-WE	C	20				
517-D2526-6VOC-AR-WF	D2526-6VOC-AR-WF	C	26				
517-D2530-6VOC-AR-WF	D2530-6VOC-AR-WF	C	30				
517-D2534-6VOC-AR-WH	D2540-6VOC-AR-WH	C	40				
517-D2550-6VOC-AR-WG	D2550-6VOC-AR-WG	C	50				



303 SERIES .100" X .100", LOW PROFILE BOX HEADERS

Specifications:

- Sturdy body
- End windows
- Insulation material: Glass filled polyester (PBT)
- Flammability: UL94V-0
- Insulation color: Black
- Contact material: Brass
- Contact plating: Gold flash
- Current rating: 1A
- Insulation resistance: >1x 10⁹ @ 500VDC
- Withstanding voltage: 500Vrms @ sea level
- Temperature rating: -55°C to +105°C
- Mates with socket series: CHG, 8500, 3000, & 891
- RoHS compliant per 3M documentation

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Price Each			
				1	25	50	100
Straight - Through Hole							
517-30310-6002	30310-6002HB	A	10				
517-30314-6002	30314-6002HB	A	14				
517-30316-6002	30316-6002HB	A	16				
517-30320-6002	30320-6002HB	A	20				
517-30326-6002	30326-6002HB	A	26				
517-30334-6002	30334-6002HB	A	34				
517-30340-6002	30340-6002HB	A	40				
517-30350-6002	30350-6002HB	A	50				
Right Angle - Through Hole							
517-30310-5002	30310-5002HB	B	10				
517-30314-5002	30314-5002HB	B	14				
517-30316-5002	30316-5002HB	B	16				
517-30320-5002	30320-5002HB	B	20				
517-30326-5002	30326-5002HB	B	26				
517-30334-5002	30334-5002HB	B	34				
517-30340-5002	30340-5002HB	B	40				
517-30350-5002	30350-5002HB	B	50				

8500 SERIES .100" X .100" POLARIZED BOARDMOUNT SOCKETS

Specifications:

- Centerbump polarization
- Mates with low profile shrouded headers
- Board retention feature
- Insulation material: Glass filled polyester (PBT), gray, UL 94V-0
- Contact material: Copper alloy
- Contact plating: 12µ" Gold
- Current rating: 1A
- Withstanding voltage: 1000Vrms
- Temperature rating: -55°C to +105°C
- Mates w/ Header Series: 3000, 2500, & 303 Plug Series: 4600

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Price Each			
				1	25	50	100
517-8510-4500PL	8510-4500PL	D	10				
517-8520-4500PL	8520-4500PL	D	20				
517-8526-4500PL	8526-4500PL	D	26				
517-8534-4500PL	8534-4500PL	D	34				
517-8540-4500PL	8540-4500PL	D	40				
517-8550-4500PL	8550-4500PL	D	50				