

Chip-On-Board (COB) LED Holders


Molex produces a range of solderless chip-on-board (COB) LED holder solutions for mounting COB LED arrays into luminaires. These holders make it very easy to integrate LEDs into a lighting fixture without the need for special tools. Unique compression contacts power the arrays while eliminating solder variability and reducing quality concerns by providing a clean and consistent installation every time. The easy screw-down connection enables lean manufacturing processes and easy integration of the latest chip-on-board LED technology into a luminaire.

With the increased ease of installation, more flexibility in manufacturing and better ways to update a system with the latest LED technology, Molex chip-on-board LED holders help to drive down the overall system cost and increase the reliability of an LED application.

LED Array Holders

- 180390** Sharp Mini Zenigata
- 180330** Sharp Mega Zenigata
- 180412** Citizen CLL010
- 180414** Citizen CLL020, 030
- 180416** Citizen CLL040, 050
- 180560** Cree
- 180150** Bridgelux ES
- 180180** Bridgelux RS
- 180580** Nichia

SHARP MINI ZENIGATA

Sharp Mini Zenigata* Array Part Number	Molex Image	Description	Molex Array Holder Part Number
GW5BGR27K05		Mini Zenigata* LED Array Holder	180390-0002
GW5BGR30K05			
GW5BGR40K05			
GW5BGR50K05			
GW5BMC27KG4			
GW5BMC30KG4			
GW5BMC35KG4			
GW5BMC40KG4			
GW5BMC50KG4			
GW5BMC65KG4			
GW5BMF27K04			
GW5BMF30K04			
GW5BMF35K04			
GW5BMF40K04			
GW5BMF50K04			
GW5BMF65K04			
GW5BMJ27K04			
GW5BMJ30K04			
GW5BMJ35K04			
GW5BMJ40K04			
GW5BMJ50K04			
GW5BMJ65K04			
GW5BMR27K05			
GW5BMR30K05			
GW5BMR40K05			
GW5BMR50K05			


*Zenigata is a registered trademark of Sharp Electronics Corporation

SHARP MEGA ZENIGATA

Sharp Mega Zenigata* Array Part Number	Molex Image	Description	Molex Array Holder Part Number
GW5DGA27M04		With Zhaga Fit Cover	180330-0003
GW5DGA30M04			
GW5DGA35M04			
GW5DGA40M04			
GW5DGA50M04			
GW5DGA65M04			
GW5DGC27M04			
GW5DGC30M04			
GW5DGC35M04			
GW5DGC40M04			
GW5DGC50M04			
GW5DGC65M04			
GW5DGE27MR5			
GW5DGE30MR5			
GW5DGE35MR5			
GW5DGE40MR5			
GW5DGE50MR5			
GW5DGE65MR5		Without Zhaga Fit Cover	180330-0002
GW5DLA40M04			
GW5DLA50M04			
GW5DLA65M04			
GW5DLC40M04			
GW5DLC50M04			
GW5DLC65M04			
GW5DLE40MR5			
GW5DLE50MR5			
GW5DLE65MR5			
GW5DMA27M04			
GW5DMA30M04			
GW5DMA35M04			
GW5DMC27M04			
GW5DMC30M04			
GW5DMC35M04			
GW5DME27MR5			
GW5DME30MR5			
GW5DME35MR5			


*Zenigata is a registered trademark of Sharp Electronics Corporation

CITIZEN

Citizen* LED Array Part Number	Molex Image	Description	Molex Array Holder Part Number
CLL010-0305A1		1 Piece LED Array Holder	180412-0001
CLL020-1202A1 CLL020-1203A1 CLL020-1204A1		1 Piece LED Array Holder	180414-0102
		2 Piece LED Array Holder	180414-0001
CLL030-1205A1 CLL030-1206A1 CLL030-1208A1 CLL030-1212A1		1 Piece LED Array Holder	180414-0103
		2 Piece LED Array Holder	180414-0001
CLL040-1218A1 CLL040-1818A1		1 Piece LED Array Holder	180416-0104
		2 Piece LED Array Holder	180416-0001
CLL050-1825A1		2 Piece LED Array Holder	180416-0001


*Citizen is a registered trademark of Citizen Electronics Co., Ltd.

CREE

CREE* LED Array Part Number		Molex Image	Description	Molex Array Holder Part Number
CXA1507-0000-000N00G250H	CXA1507-0000-000N00F40E5		LED Array Holder for CREE* XLamp† CXA1507 and CXA1512 LED Arrays	180560-0001
CXA1507-0000-000N00G250F	CXA1507-0000-000N00G20E5			
CXA1507-0000-000N00G450H	CXA1507-0000-000N00G40E5			
CXA1507-0000-000N00G450F	CXA1507-0000-000N00F20E6			
CXA1507-0000-000N00F440H	CXA1507-0000-000N00F40E6			
CXA1507-0000-000N00F440F	CXA1507-0000-000N00G20E6			
CXA1507-0000-000N00G240H	CXA1507-0000-000N00F20E7			
CXA1507-0000-000N00G240F	CXA1507-0000-000N00F40E7			
CXA1507-0000-000N00G440H	CXA1507-0000-000N00E40E8			
CXA1507-0000-000N00G440F	CXA1507-0000-000N00F20E8			
CXA1507-0000-000N00F235H	CXA1507-0000-000N00F40E8			
CXA1507-0000-000N00F235F	CXA1507-0000-000N0UD430H			
CXA1507-0000-000N00F435H	CXA1507-0000-000N0UD430F			
CXA1507-0000-000N00F435F	CXA1507-0000-000N0UE230H			
CXA1507-0000-000N00G235H	CXA1507-0000-000N0UE230F			
CXA1507-0000-000N00G235F	CXA1507-0000-000N0UC427H			
CXA1507-0000-000N00F230H	CXA1507-0000-000N0UC427F			
CXA1507-0000-000N00F230F	CXA1507-0000-000N0UD227H			
CXA1507-0000-000N00F430H	CXA1507-0000-000N0UD227F			
CXA1507-0000-000N00F430F	CXA1507-0000-000N0UD427H			
CXA1507-0000-000N00E427H	CXA1507-0000-000N0UD427F			
CXA1507-0000-000N00E427F	CXA1507-0000-000N0UD40E7			
CXA1507-0000-000N00F227H	CXA1507-0000-000N0UE20E7			
CXA1507-0000-000N00F227F	CXA1507-0000-000N0UC40E8			
CXA1507-0000-000N00F427H	CXA1507-0000-000N0UD20E8			
CXA1507-0000-000N00F427F	CXA1507-0000-000N0UD40E8			
CXA1507-0000-000N00G20E3	CXA1507-0000-000N0HE450H			
CXA1507-0000-000N00G40E3	CXA1507-0000-000N0HE450F			
CXA1507-0000-000N00F40E5	CXA1507-0000-000N0HF250H			
CXA1507-0000-000N00G20E5	CXA1507-0000-000N0HF250F			
CXA1507-0000-000N00G40E5	CXA1507-0000-000N0HF450H			
CXA1507-0000-000N00F20E6	CXA1507-0000-000N0HF450F			
CXA1507-0000-000N00F40E6	CXA1507-0000-000N0HF240H			
CXA1507-0000-000N00G20E6	CXA1507-0000-000N0HF240F			
CXA1507-0000-000N00F20E7	CXA1507-0000-000N0HF440H			
CXA1507-0000-000N00F40E7	CXA1507-0000-000N0HF440F			
CXA1507-0000-000N00E40E8	CXA1507-0000-000N0HE40E3			
CXA1507-0000-000N00F20E8	CXA1507-0000-000N0HF20E3			
CXA1507-0000-000N00F40E8	CXA1507-0000-000N0HF40E3			
CXA1507-0000-000N00G20E3	CXA1507-0000-000N0HF20E5			
CXA1507-0000-000N00G40E3	CXA1507-0000-000N0HF40E5			



*†Cree and XLamp are registered trademarks of Cree, Inc.

CREE

CREE* LED Array Part Number		Molex Image	Description	Molex Array Holder Part Number
CXA1512-0000-000N00M250H	CXA1512-0000-000N00K40E8		LED Array Holder for CREE* XLamp [†] CXA1507 and CXA1512 LED Arrays	180560-0001
CXA1512-0000-000N00M250F	CXA1512-0000-000N0UH230H			
CXA1512-0000-000N00M450H	CXA1512-0000-000N0UH230F			
CXA1512-0000-000N00M450F	CXA1512-0000-000N0UH430H			
CXA1512-0000-000N00K440H	CXA1512-0000-000N0UH430F			
CXA1512-0000-000N00K440F	CXA1512-0000-000N0UJ230H			
CXA1512-0000-000N00M240H	CXA1512-0000-000N0UJ230F			
CXA1512-0000-000N00M240F	CXA1512-0000-000N0UG427H			
CXA1512-0000-000N00M440H	CXA1512-0000-000N0UG427F			
CXA1512-0000-000N00M440F	CXA1512-0000-000N0UH227H			
CXA1512-0000-000N00K235H	CXA1512-0000-000N0UH227F			
CXA1512-0000-000N00K235F	CXA1512-0000-000N0UH427H			
CXA1512-0000-000N00K435H	CXA1512-0000-000N0UH427F			
CXA1512-0000-000N00K435F	CXA1512-0000-000N0UH20E7			
CXA1512-0000-000N00M235H	CXA1512-0000-000N0UH40E7			
CXA1512-0000-000N00M235F	CXA1512-0000-000N0UJ20E7			
CXA1512-0000-000N00K230H	CXA1512-0000-000N0UG40E8			
CXA1512-0000-000N00K230F	CXA1512-0000-000N0UH20E8			
CXA1512-0000-000N00K430H	CXA1512-0000-000N0UH40E8			
CXA1512-0000-000N00K430F	CXA1512-0000-000N0HK250H			
CXA1512-0000-000N00J427H	CXA1512-0000-000N0HK250F			
CXA1512-0000-000N00J427F	CXA1512-0000-000N0HK450H			
CXA1512-0000-000N00K227H	CXA1512-0000-000N0HK450F			
CXA1512-0000-000N00K227F	CXA1512-0000-000N0HM250H			
CXA1512-0000-000N00K427H	CXA1512-0000-000N0HM250F			
CXA1512-0000-000N00K427F	CXA1512-0000-000N0HK240H			
CXA1512-0000-000N00M20E3	CXA1512-0000-000N0HK240F			
CXA1512-0000-000N00M40E3	CXA1512-0000-000N0HK440H			
CXA1512-0000-000N00K40E5	CXA1512-0000-000N0HK440F			
CXA1512-0000-000N00M20E5	CXA1512-0000-000N0HM240H			
CXA1512-0000-000N00M40E5	CXA1512-0000-000N0HM240F			
CXA1512-0000-000N00K20E6	CXA1512-0000-000N0HK20E3			
CXA1512-0000-000N00K40E6	CXA1512-0000-000N0HK40E3			
CXA1512-0000-000N00M20E6	CXA1512-0000-000N0HM20E3			
CXA1512-0000-000N00K20E7	CXA1512-0000-000N0HK20E5			
CXA1512-0000-000N00K40E7	CXA1512-0000-000N0HK40E5			
CXA1512-0000-000N00J40E8	CXA1512-0000-000N0HM20E5			
CXA1512-0000-000N00K20E8				


*†Cree and XLamp are registered trademarks of Cree, Inc.


BRIDGELUX ES

Bridgelux* ES Array Part Number	Molex Image	Description	Molex Array Holder Part Number
BXRA-27E0800-B-00		Bridgelux* ES Array Holder With Clear Cover	180150-0001
BXRA-27G0800-B-00			
BXRA-27E1200-B-00			
BXRA-27G1200-B-00			
BXRA-27E2000-B-00			
BXRA-27G2000-B-00			
BXRA-30E0800-B-00			
BXRA-30G0800-B-00			
BXRA-30E1200-B-00			
BXRA-30G1200-B-00			
BXRA-30E2000-B-00			
BXRA-30G2000-B-00			
BXRA-35E0800-B-00		Bridgelux* ES Array Holder Without Clear Cover	180150-0000
BXRA-35E1200-B-00			
BXRA-35E2000-B-00			
BXRA-40E0950-B-00			
BXRA-40E1350-B-00			
BXRA-40E2200-B-00			
BXRA-50C1100-B-00			
BXRA-50C1600-B-00			
BXRA-50C2600-B-00			
BXRA-56C1100-B-00			
BXRA-56C1600-B-00			
BXRA-56C2600-B-00			

*Bridgelux is a registered trademark of Bridgelux Inc.


BRIDGELUX RS

Bridgelux* RS Array Part Number	Molex Image	Description	Molex Array Holder Part Number
BXRA-27E3500-F-00		Bridgelux* RS Array Holder	180180-0000
BXRA-27G3500-F-00			
BXRA-27E4000-H-00			
BXRA-27G4000-H-00			
BXRA-27E7000-J-00			
BXRA-27G7000-J-00			
BXRA-30E3500-F-00			
BXRA-30G3500-F-00			
BXRA-30E4000-H-00			
BXRA-30G4000-H-00			
BXRA-30E7000-J-00			
BXRA-30G7000-J-00			
BXRA-35E3500-F-00			
BXRA-35E4000-H-00			
BXRA-35E7000-J-00			
BXRA-40E4000-F-00			
BXRA-40E4500-H-00			
BXRA-40E7500-J-00			
BXRA-50C4500-F-00			
BXRA-50C5300-H-00			
BXRA-50C9000-J-00			
BXRA-56C4500-F-00			
BXRA-56C5300-H-00			
BXRA-56C9000-J-00			

Bridgelux* Vero ¹ Arrays	Harness Length (mm)	AWG	Molex Image	Molex Part Number
Vero ¹ 10	152.50	28 AWG pigtails, strip and retain		68801-4146
	305.00			68801-4147
	458.00			68801-4227
Vero ¹ 13	152.50	28 AWG fused to 20 AWG pigtails		68801-4084
	305.00			68801-4085
Vero ¹ 18	458.00			68801-4228
	152.50			28 AWG fused to 18 AWG pigtails
305.00	68801-4225			
458.00	68801-4229			

* Bridgelux and ¹Vero are registered trademarks of Bridgelux Inc.

NICHIA

Nichia Array Part Number	Molex Image	Description	Molex Array Holder Part Number
NSBWL110		LED Array Holder for Nichia L110 and L110-H3 Arrays	180580-0001
NSBWL110-H3			