



General Information

Kit Part Number:	2110845-1
Description:	TE Connectivity Solderless LED Socket, Cree X-Lamp®; MP-L™; LED, MCPCB LED Assembly, LEDIL Reflector Optics and AMP Mini CT Cable Assembly Kit
Industry:	Lighting
Application:	Commercial Lighting Fixtures, Integrated Custom Lighting, Residential Lighting Fixtures
Family:	AMP Mini CT
TE Brand:	AMP Products
Solution:	Lighting
Product Type:	Wire-to-Board Connectors
Number of Pieces:	12
RoHS:	No

Specifications

Circuit Size(s):	6
Current Rating:	2A
LED:	Forward Voltage, per string = 25 Volts, DC Forward Current, per string = 0.25 Amps, per string = 0.1 Amps, DC Reverse Current
Mounting Style:	LED-to-Wire, LED-to-Board, LED-to-Inverted Wire
Orientation:	Right Angle
Pitch:	1.50mm (0.059")
Reflector Optics:	18°, 30°, 50°
Tool Included:	No
Voltage Rating:	30 Volts DC
Wire Gauge (AWG):	24

Product Highlights

TE Connectivity's Solderless LED Socket, Type CM provides a solderless quick termination to the 1500 lumen output Cree XLamp® MP-L™ LED. This solderless termination technique facilitates easy integration of the LED into the end customer's lighting fixtures with simple screw-down installation. Multiple versions are offered to provide application flexibility. To further enhance functionality to the fixture manufacturer, the socket also features integral, robust, snap attachment of LEDIL Tyra series reflector optics.

*Cree and XLamp are registrations and MP-L is a trademark of Cree, Inc. LEDIL is a trademark of LEDIL OY.

Features and Benefits

- Solderless termination to the Cree XLamp MP-L LED
- Fast, rapid termination and assembly – eliminates hand soldering wires to the MPL 0.70mm x 0.85mm pads
- Offered in separable board termination and wire termination versions
- Snap-on optics assembly using LEDIL's Tyra series reflector optics

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Applications

- Commercial and Residential Lighting Fixtures
- Integrated Custom Lighting



Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
MPLEZW-A1-0000-0000	1	Cree X-Lamp®; MP-L™;	Datasheet	Details	Search
2106946-2	2	LED-to-Wire with Optics Latch Type CM Solderless LED Socket	Datasheet	Details	Search
2106946-4	2	LED-to-Board with Optics Latch Type CM Solderless LED Socket	Datasheet	Details	Search
2058943-5	2	6 Circuit AMP Mini-CT Cable Assembly	Datasheet	Details	Search
C11394 TYRA-S	1	LEDIL Optic 18 Degrees	Datasheet	Details	Search
C11396 TYRA-W	1	LEDIL Optic 50 Degrees	Datasheet	Details	Search
C11395 TYRA-M	1	LEDIL Optic 30 Degrees	Datasheet	Details	Search
MCPCB-MPLEZW0	1	Cree X-Lamp®; MP-L™; LED Mounted onto a MCPCB	Datasheet	Details	Search

Recommended Tool

Part No.

Included in Kit





Lighting Category

Kit Part No. 2110045-1

BILL OF MATERIALS

For more details, please visit: www.productivity.com/kit/2110045-1

Kit Part No.	Qty	Description
2110045-1	1	LED Socket Eye Kit (3x LED Socket Eye Kit)
2110045-2	3	LED Socket Eye Kit (3x LED Socket Eye Kit)
2110045-3	3	LED Socket Eye Kit (3x LED Socket Eye Kit)
2110045-4	3	LED Socket Eye Kit (3x LED Socket Eye Kit)
2110045-5	3	LED Socket Eye Kit (3x LED Socket Eye Kit)
2110045-6	3	LED Socket Eye Kit (3x LED Socket Eye Kit)
2110045-7	3	LED Socket Eye Kit (3x LED Socket Eye Kit)
2110045-8	3	LED Socket Eye Kit (3x LED Socket Eye Kit)
2110045-9	3	LED Socket Eye Kit (3x LED Socket Eye Kit)
2110045-10	3	LED Socket Eye Kit (3x LED Socket Eye Kit)



Bin Diagram
This edge is longer.

Additional kit material is available at: www.productivity.com

Assembled by Waldom Electronics, Inc.

