

LIGHT-N-LOK STANDARD CONNECTORS

Compact Connector with Reliable Poke-in Wiring Technology

TE Connectivity (TE)'s 2 position wire-to-wire connector provides a space-saving solution for indoor downlighting, connecting power to luminaire. Designed with limited space in mind, the low profile, UL/CSA 2459 compliant connector eliminates the hazard of electric shock and accepts 18 AWG - 22 AWG solid or tin-dipped stranded wires. It is designed for easy, tool-free installation and eliminates mis-mating through its bump feature.

The poke-in technology allows for easy repair and is supported by dual contact surfaces and a metal stopper for reliability. Contacts are fully fixed in the housing and feature an additional lock bar for added dependability.

Applications

- Indoor lighting, especially downlights
- Commercial lighting

Specifications & Product Performance

Rate current (max):	18 AWG:	3A Max 3A certified by UL2459
	22 AWG:	4A Max
Rate voltage (max):	600 VAC Max	
Dielectric strength:	2200 VAC	
Operating Ambient Temperature Range:	-40°C to 105°C	
Durability:	10 cycles	
Housing:	P, UL 94 V-O	
Contact:	Copper alloy with tin plating	
Application Specification:	114-137020	
Product Specification:	108-137020	
UL2459 Approval:	308110	
Part Numbers:	Plug:	2271180-1
	Receptacle:	2271183-1
	Mated Connector:	2271203-1

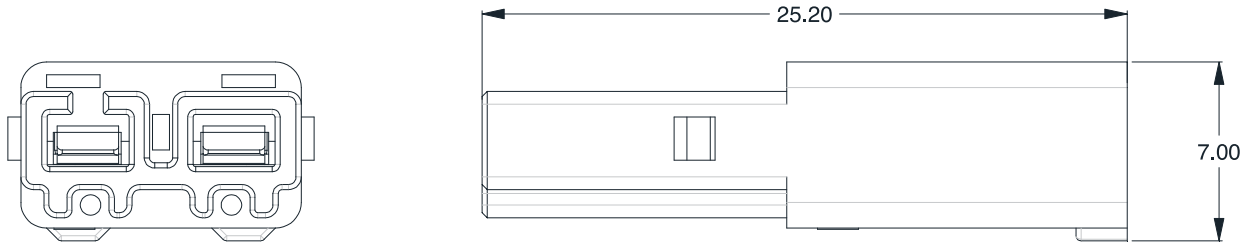


Benefits

- 2 position, poke-in wiring
- Compact design
- Tool-free installation
- Fits 18-22 AWG solid or tin-dipped stranded wires
- UL/CSA 2459 compliant
- EU RoHS/ELV compliant
- Bump feature allows for easy mating/unmating
- Slim design for maximum Z direction space saving
- Dual contact surface design increases contact reliability
- Contacts are fully fixed in housing for high reliability
- Additional lock bar designed for enhanced retention

Dimensions

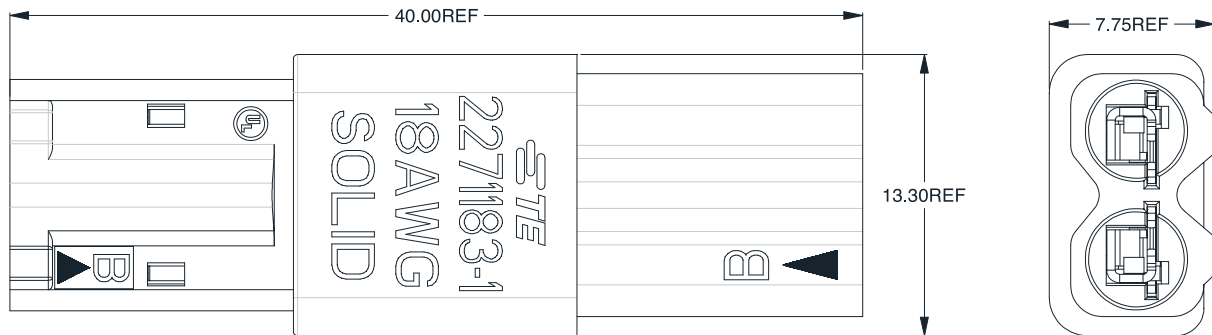
Plug (2271180-1) :



Receptacle (2271183-1) :



Mated Connector (2271203-1) :



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