



POSITIVE LOCK RECEPTACLES AND HOUSINGS

QUICK REFERENCE GUIDE

TE Connectivity's (TE) Positive Lock Mark II receptacles are specifically designed to provide ease of assembly and secure retention to mating tabs. TE's Positive Lock receptacles lock onto mating tabs and are removable only by deflecting an integrally designed repressor prior to withdrawal. Housings insulate and serve as removal tools.

WHY SPECIFY POSITIVE LOCK PRODUCTS?

- Help improve system safety and ease of assembly with low insertion and extraction forces
- Deliver reliable electrical performance with enhanced contact surface design
- Confirm fully mated connections with audible confirmation of tab insertion
- Terminate with TE application tooling for uniform high quality crimps
- Improve strain relief with insulation support
- High temperature receptacles provide superior performance with high conductivity using high-strength low-alloy steel instead of stainless steel

KEY FEATURES AND BENEFITS

- Integral lever locks receptacles onto tabs
- Low insertion force for improved ergonomics
- High temperature Positive Lock terminals operate in temperatures up to 250°C and the high temperature housings operate in 240°C
- High temperature housings meet
- Glow Wire test and UL 94 V-0

APPLICATIONS



Refrigerators and Freezers



Dishwashers, Washers and Dryers



Ranges/Ovens



Passenger cars



Off-road vehicles



Trucks and Buses



Control cabinets



Robotic arms



Rail cars



Subsystem design

POSITIVE LOCK RECEPTACLES AND HOUSINGS

POSITIVE LOCK MARK II RECEPTACLES AND HOUSINGS

Terminals are tin-plated brass and rated for a maximum of 105°C. Housings are natural color nylon

Terminals	Series	Orientation	Mating Tab	Wire AWG	Applicator	Housing
170327-1†	250	Straight	.032	22-18	2150090-2	2-172076-1
170328-1†	250	Straight	.032	18-14	2150061-2	2-172076-1
170329-1†	250	Straight	.032	15-10	2150240-2	2-172076-1
172763-1†	250	Flag	.032	18-14	2150856-2	1-172469-1
172761-1†	250	Flag	.032	22-18	2150728-1 , 2150728-2	1-172469-1
170324-1†	187	Straight	.020	24-20	2150059-2 , 2150478-2	173974-1
170325-1†	187	Straight	.020	20-16	2150032-2	173974-1
173691-1†	187	Straight	.032	20-16	2150032-2	521125-1
63498-1‡	187	Straight	.032	20-16		521125-1
175411-1†	110	Straight	.020	24-20	2150085-2	174779-1
174777-1†	110	Straight	.020	20-16	2150039-2	174779-1

†Pre-tinned brass

‡Tin plated brass

HIGH TEMPERATURE POSITIVE LOCK MARK II RECEPTACLES AND HOUSINGS

Terminals are nickel-plated steel and are rated for a maximum of 250°C. Housings are black color LCP and are rated to 240°C

Terminals	Series	Orientation	Mating Tab	Wire AWG	Applicator	Housing
2825084-1	250	Straight	.032	12-10	2150618-2	1969820-1
2238104-1	250	Straight	.032	16-14	2150135-2	1969820-1
2238139-1	250	Straight	.032	20-18	4150155-2	1969820-1
2238106-1	250	Flag	.032	12-10	2150747-2	1969823-1*
2238105-1	250	Flag	.032	16-14	2150750-1 , 2150750-2	1969823-1*
2238141-1	250	Flag	.032	20-18	2150749-1 , 2150749-2	1969823-1*
2238177-1	187	Straight	.032	16-20	2150854-2	1969877-1
2238178-1	187	Straight	.020	16-20	2150854	1969877-1

*Optional TPA Cover PN [1969826-1](#)

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We make it easy to connect with our experts and are ready to provide all the support you need.

Visit te.com/support to chat with a Product Information Specialist.

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