



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.

KEY FEATURES

- 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

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

TARGET MARKETS/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

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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	2-172076-1
170328-1†	250	Straight	.032	18-14	2150061	2-172076-1
170329-1†	250	Straight	.032	15-10	2150062	2-172076-1
172763-1†	250	Flag	.032	18-14	752821-1, -2, -4	1-172469-1
172761-1†	250	Flag	.032	22-18	752820-1, -2	1-172469-1
170324-1†	187	Straight	.020	24-20	2150059, 2150478	173974-1
170325-1†	187	Straight	.020	20-16	2150032	173974-1
173691-1†	187	Straight	.032	20-16	2150032	521125-1
63498-1‡	187	Straight	.032	20-16	2150184	521125-1
175411-1†	110	Straight	.020	24-20	2150085	174779-1
174777-1†	110	Straight	.020	20-16	2150039	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.

Part Number	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	2150297-2	1969820-1
2238106-1	250	Flag	.032	12-10	2150747	1969823-1*
2238105-1	250	Flag	.032	16-14	2150750	1969823-1*
2238141-1	250	Flag	.032	20-18	2150749	1969823-1*
2238177-1	187	Straight	.032	16-20	2150854	1969877-1
2238178-1	187	Straight	.020	16-20	2150854	1969877-1

*Optional TPA Cover PN 1969826-1.

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