勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
http://www.100y.com.tw



2.5MM SEALED SIGNAL DOUBLE LOCK CONNECTORS

PROTECTION WITH PERFORMANCE

PRODUCT DESCRIPTION

Our new 2.5mm Sealed Signal Double Lock connectors offers secondary locking safety combined with first in class IP67 rated sealing protection. Designed with a space-saving 2.5mm centerline to meet the needs of today's smaller designs, our next generation 2.5mm Sealed Signal Double Lock connectors offer robust seals that can help to enable reliable performance in water related or high humidty environments.

These connectors are available in panel mount and free hanging configurations to provide flexible design options for a broad range of applications. Contacts are on a miniature 2.5mm centerline spacing and accept 26-22 AWG wire. Rated up to 3 amps max. per line, our solution includes features that are designed to help ease manual assembly including a snag-proof latch, polarized terminals, and an optional TPA. Cap and plug housings meet Glow Wire Test (750°C, no flame) and UL 94 V-0 requirements to meet global industry safety standards.

APPLICATIONS

- Major Home Appliances: refrigeration, laundry (washing machines and dryers), water heaters, cooking (range hoods)
- Small Home Appliances: water purifiers, humidifiers, rice cookers
- Industrial: refrigeration
- Power cords
- Lighting: outdoor and industrial
- Personal Health Care: smart toilet seats
- Lawn and Garden: outdoor tools (lawn mowers and sprinkler system interfaces)
- Automotive: battery chargers

STANDARDS & SPECIFICATIONS

- Product specification #108-143069
- Application specification **#114-143067**
- Qualification Test Report **#501-143069**
- UL Recognized, File #E28476

KEY FEATURES

- IP67 rated protection against water and dust
- Contacts are on a miniature 2.5mm centerline to provide a compact design solution
- 3 amps max. current rating, and 250 VAC voltage rating
- UL94-V0 and Glow Wire Test (750°C, no flame) to meet global industry safety standards
- Snag-proof latch provides for ease of assembly
- Optional TPA's (Terminal Position Assurance) help to ensure proper assembly
- Polarized lance-less terminals to prevent incorrect insertion reducing assembly errors

Overview of New Parts

PLUG HOUSING

Part Number	Part Description
2321918-2	PLUG HOUSING SDL2.5 WATERPROOF 2PIN
2321918-3	PLUG HOUSING SDL2.5 WATERPROOF 3PIN
2321918-4	PLUG HOUSING SDL2.5 WATERPROOF 4PIN
2321918-5	PLUG HOUSING SDL2.5 WATERPROOF 5PIN
2321918-6	PLUG HOUSING SDL2.5 WATERPROOF 6PIN

RECEPTACLE HOUSING (FREE HANGING)

Part Number	Part Description
2321924-2	RECEPTACLE HOUSING FREE HANGING 2PIN
2321924-3	RECEPTACLE HOUSING FREE HANGING 3PIN
2321924-4	RECEPTACLE HOUSING FREE HANGING 4PIN
2321924-5	RECEPTACLE HOUSING FREE HANGING 5PIN
2321924-6	RECEPTACLE HOUSING FREE HANGING 6PIN

RECEPTACLE HOUSING (PANEL MOUNT)

Part Number	Part Description
2321926-2	RECEPTACLE HOUSING PANEL MOUNT 2PIN
2321926-3	RECEPTACLE HOUSING PANEL MOUNT 3PIN
2321926-4	RECEPTACLE HOUSING PANEL MOUNT 4PIN
2321926-5	RECEPTACLE HOUSING PANEL MOUNT 5PIN
2321926-6	RECEPTACLE HOUSING PANEL MOUNT 6PIN

PLUG HOUSING TPA*

Part Number	Part Description
2321919-2	TPA PLUG HOUSING, 2 POS
2321919-3	TPA PLUG HOUSING, 3 POS
2321919-4	TPA PLUG HOUSING, 4 POS
2321919-5	TPA PLUG HOUSING, 5 POS
2321919-6	TPA PLUG HOUSING, 6 POS

*Plug and receptacle housing TPA's are still to be released

PERIMETER SEAL — PLUG HOUSING

Part Number	Part Description
2321920-2	PERIMETER SEAL PLUG HOUSING 2PIN
2321920-3	PERIMETER SEAL PLUG HOUSING 3PIN
2321920-4	PERIMETER SEAL PLUG HOUSING 4PIN
2321920-5	PERIMETER SEAL PLUG HOUSING 5PIN
2321920-6	PERIMETER SEAL PLUG HOUSING 6PIN

WIRE SEAL

Part Number	Part Description
2321922-2	REAR WIRE SEAL 2PIN
2321922-3	REAR WIRE SEAL 3PIN
2321922-4	REAR WIRE SEAL 4PIN
2321922-5	REAR WIRE SEAL 5PIN
2321922-6	REAR WIRE SEAL 6PIN

TERMINALS

Part Number	Part Description
2321921-1	RECEPTACLE TERMINAL
1-2321921-1	RECEPTACLE TERMINAL (LOOSE PIECE)
2321928-1	TAB TERMINAL
1-2321928-1	TAB TERMINAL (LOOSE PIECE)

RECEPTACLE HOUSING TPA*

Part Number	Part Description
2321927-2	TPA RECEPTACLE HOUSING, 2 POS
2321927-3	TPA RECEPTACLE HOUSING, 3 POS
2321927-4	TPA RECEPTACLE HOUSING, 4 POS
2321927-5	TPA RECEPTACLE HOUSING, 5 POS
2321927-6	TPA RECEPTACLE HOUSING, 6 POS

*Plug and receptacle housing TPA's are still to be released

TOOLING*

Part Number	Part Description
2350391-1	HAND TOOL
X-2836993-X	OCEAN 2.0 APPLICATOR

*Applicator part number is dependent on the type of terminal used. Please visit TE.COM for more information

TE TECHNICAL SUPPORT CENTER

USA: +1 (800) 522-6752
Canada: +1 (905) 475-6222
Mexico: +52 (0) 55-1106-0800
Latin/S. America: +54 (0) 11-4733-2200
Germany: +49 (0) 6251-133-1999
UK: +44 (0) 800-267666
France: +33 (0) 1-3420-8686
Netherlands: +31 (0) 73-6246-999
China: +86 (0) 400-820-6015

te.com

TE, TE Connectivity and TE connectivity (logo) are trademarks owned or licensed by the TE Connectivity Ltd. family of companies. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

© 2020 TE Connectivity Ltd. family of companies All Rights Reserved.

2-1773983-6 06/20 Revised