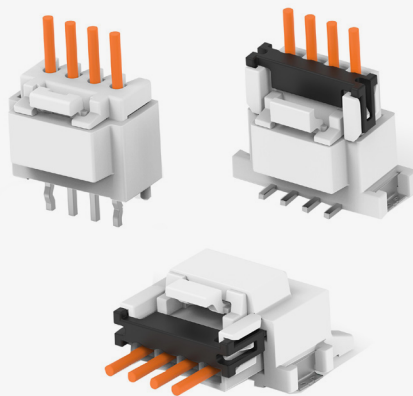




2.0MM SIGNAL GRACE INERTIA CONNECTOR SERIES

Signal Connector Family Offering 2.0mm Centerline Utilizing Crimp and Insulation Displacement Connector (IDC) Technology

TE Connectivity (TE) introduces its next generation 2.0mm pitch signal GRACE INERTIA connector series. This series is offered in both crimp and insulation displacement connector (IDC) options with advanced features and materials. Utilizing IDC technology, the 2.0mm signal GRACE INERTIA connector family can help to achieve higher efficiency and assembly cost savings.

These miniaturized connectors offer 2 through 10 positions in a single row configuration and rated up to 3 amps and 50 volts AC. The latching mechanism design helps to eliminate half-mating issues, as the initial force required to insert the latch exceeds the contact insertion force. Housings and headers in two keying options and colors help eliminate improper mating caused by human error during assembly. These reliable and robust designed connectors are suitable for some of the harshest and smallest environments, including home appliances, automotive and lighting applications.

STANDARDS AND SPECIFICATIONS

- Product Specification
 - [108-143160](#) (Crimp)
 - [108-106266](#) (IDC)
- Application Specification
 - [114-143160](#) (Crimp)
 - [114-106266](#) (IDC)
- GWT* 750°C no Flame (per IEC 60335)
- UL 94 V-0
- VDE

LEARN MORE

- [Product Page](#)

KEY FEATURES

- 2.0mm centerline provides a compact and space-saving design
- 2-10 positions available
- Optional Terminal Position Assurance (TPA)
- Lanceless contacts prevent snagging or entanglement
- Dual beam contact design enhances contact reliability and durability
- Inertia locking mechanism provides highly suitable mating reliability, helps prevent mismatching, and significantly reduces the need for complicated inspection processes
- The inertia locking mechanism also helps prevent unexpected disconnection or half-mating
- The latest anti-snag feature prevents wires from snagging on the latch and helps prevent latch breakage
- Use of IDC technology enables mass termination to provide higher automatic assembly efficiency and offers strain relief features and VDE certifications

APPLICATIONS



Major Home Appliances



Small Home Appliances



Water Heater



Side Mirror Defroster



Lighting



Law and Garden

*GWT refers to glow wire testing. For more information on glow wire testing please review the white paper [Glow Wire Testing for the Appliance Industry](#) or visit the [Glow Wire Capable Connectors product page](#)

2.0MM SIGNAL GRACE INERTIA CONNECTOR SERIES

PART NUMBERS

Description	Base number	Pos. No.	Key A, Natural	Key B, Black
Header assembly, Through Hole (T/H)	2232826	2P	1-2232826-2	4-2232826-2
		3P	1-2232826-3	4-2232826-3
		4P	1-2232826-4	4-2232826-4
		5P	1-2232826-5	4-2232826-5
		6P	1-2232826-6	4-2232826-6
		7P	1-2232826-7	4-2232826-7
		8P	1-2232826-8	4-2232826-8
		9P	1-2232826-9	4-2232826-9
		10P	2-2232826-0	5-2232826-0
Header assembly, Vertical SMT	2232829	2P	1-2232829-2	4-2232829-2
		3P	1-2232829-3	4-2232829-3
		4P	1-2232829-4	4-2232829-4
		5P	1-2232829-5	4-2232829-5
		6P	1-2232829-6	4-2232829-6
		7P	1-2232829-7	4-2232829-7
		8P	1-2232829-8	4-2232829-8
		9P	1-2232829-9	4-2232829-9
		10P	2-2232829-0	5-2232829-0
Header assembly, Right Angle SMT (RA SMT)	2336678	2P	1-2336678-2	4-2336678-2
		3P	1-2336678-3	4-2336678-3
		4P	1-2336678-4	4-2336678-4
		5P	1-2336678-5	4-2336678-5
		6P	1-2336678-6	4-2336678-6
		7P	1-2336678-7	4-2336678-7
		8P	1-2336678-8	4-2336678-8
		9P	1-2336678-9	4-2336678-9
		10P	2-2336678-0	5-2336678-0
Plug IDC assembly	2232979	2P	1-2232979-2	4-2232979-2
		3P	1-2232979-3	4-2232979-3
		4P	1-2232979-4	4-2232979-4
		5P	1-2232979-5	4-2232979-5
		6P	1-2232979-6	4-2232979-6
		7P	1-2232979-7	4-2232979-7
		8P	1-2232979-8	4-2232979-8
		9P	1-2232979-9	4-2232979-9
		10P	2-2232979-0	5-2232979-0
Plug crimp housing	2350224	2P	1-2350224-2	2-2350224-2
		3P	1-2350224-3	2-2350224-3
		4P	1-2350224-4	2-2350224-4
		5P	1-2350224-5	2-2350224-5
		6P	1-2350224-6	2-2350224-6
		7P	1-2350224-7	2-2350224-7
		8P	1-2350224-8	2-2350224-8
		9P	1-2350224-9	2-2350224-9
		10P	2-2350224-0	3-2350224-0

2.0MM SIGNAL GRACE INERTIA CONNECTOR SERIES

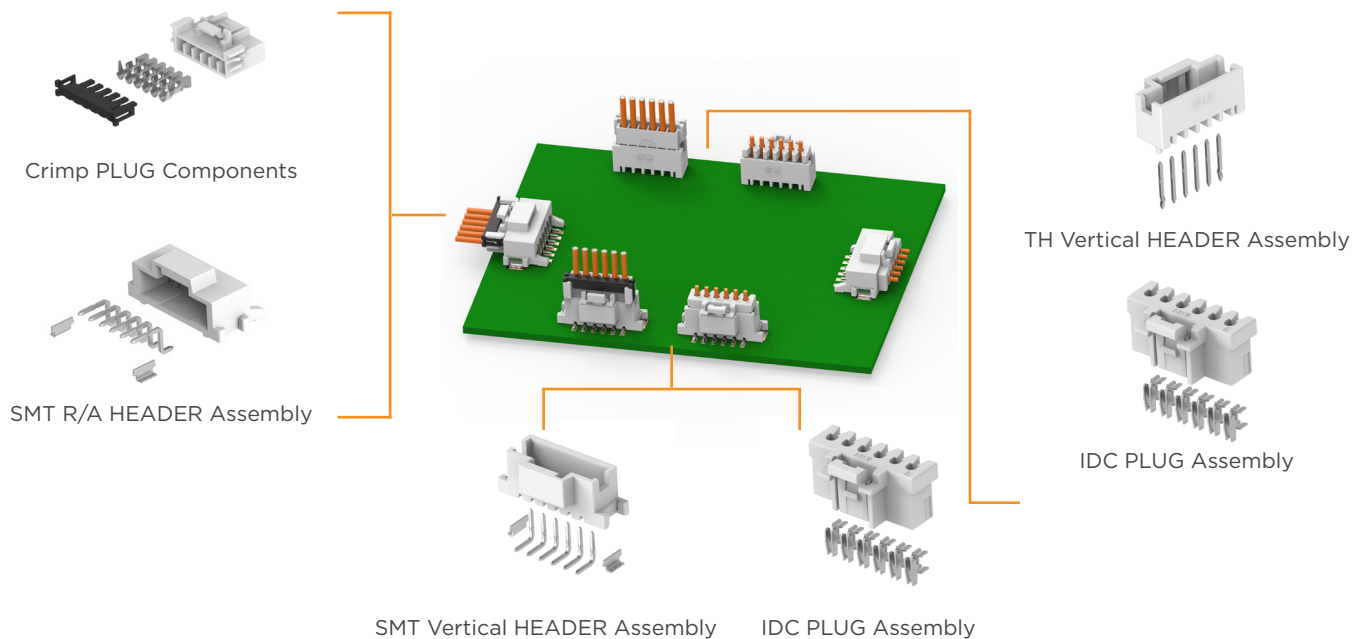
TPA

Description	Base Number	Pos.No.	Part Number
Terminal Position Assurance (TPA)	2487783	2P	2487783-2
		3P	2487783-3
		4P	2487783-4
		5P	2487783-5
		6P	2487783-6
		7P	2487783-7
		8P	2487783-8
		9P	2487783-9
		10P	1-2487783-0

TERMINAL

Part Number	Wire Size(AWG)	Applicator Part Number	
		Ocean Applicator	Hand Tool
2486278-1, 2486278-2	22-26	4151434-2	2505304-1

*2486278-2 is with lube



FOR MORE INFORMATION

CONTACT US ►

te.com/2.0mm-signal-grace-inertia-connectors

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