

Introducing
Low Insertion Force FASTON Terminals

TE Connectivity (TE) FASTON terminals and connectors have been the industry leader in the appliance and automotive industries for years. TE continues to reinvent the FASTON product line to meet the changing trends in these industries. We have seen the need for terminals with lower insertion forces for improved ergonomics so TE is proud to introduce several new products specifically designed to meet these applications. These new products come with the same strong engineering support and high quality that TE has provided for over 50 years.

te.com/products/faston

TE connectivity

High Temperature Low Insertion Force Receptacles

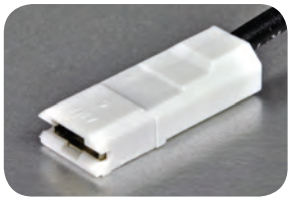
- Nickel plated steel terminals
- "Dog bone" design allows tab to slide on rolled edges
- Terminals rated up to 250˚C. Housings on pre-insulated Ultra-Pod rated up to 150°C
- Can be used with high temperature FASTON housings
- UL recognized
- Max insertion force 8 lbs.



Straight Terminal



Flag Terminal



Ultra-Pod Terminal

Part Number	Mating Interface	Orientation	Wire AWG	Insulation Diameter	Stock Thickness	Pre-Insulated Ultra-Pod
1742198-1	.250 x .032 [6.35 x 0.81]	Straight	18 - 14	.120 - .170 [3.05 - 4.32]	.016 [.41]	No
1969447-1	.250 x .032 [6.35 x 0.81]	Straight	18 - 14	.120 - .170 [3.05 - 4.32]	.016 [.41]	Yes
1742883-1	.187 x .032 [4.75 x 0.81]	Straight	20 - 16	.090 - .130 [2.29 - 3.30]	.012 [.31]	No
1742899-1	.187 x .032 [4.75 x 0.81]	Straight	18 - 16, 2 (18)	.105 - .210 [2.67 - 5.33]	.012 [.31]	No
1742841-1	.187 x .020 [4.75 x 0.51]	Straight	20 - 16	.090 - .130 [2.29 - 3.30]	.012 [.31]	No
1742543-1	.250 x .032 [6.35 x 0.81]	Flag	18 - 12	.110 - .210 [2.79 - 5.33]	.016 [.41]	No
2238041-1	.187 x .032 [4.75 x 0.81]	Flag	20 - 16	.110 - .179 [2.79 - 4.32]	.013 [.33]	No

Brass Low Insertion Force Receptacles

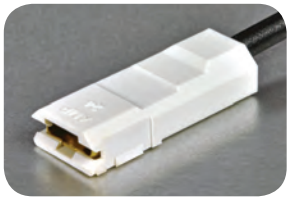
- Brass and tin plated brass terminals
- .250 x .032 mating interface (6.35 x .081)
- Stock thickness .016 (0.41)
- Redesign of the Budget style terminal
- Max insertion force ≤ 6 lbs
- Ultra-Pod receptacles use a V-0, 130˚C raw material



Straight Terminal



Flag Terminal



Ultra-Pod Terminal

Part Number	Material / Finish	Orientation	Wire AWG	Insulation Diameter	Pre-Insulated Ultra-Pod
1742971-3	Brass	Straight	18 - 14	.120 - .170 [3.05 - 4.32]	No
1742971-4	Tin plated brass	Straight	18 - 14	.120 - .170 [3.05 - 4.32]	No
1969529-1	Brass	Straight	18 - 14	.120 - .170 [3.05 - 4.32]	Yes
1969529-2	Tin plated brass	Straight	18 - 14	.120 - .170 [3.05 - 4.32]	Yes
2238027-3	Brass	Straight	22 - 18	.090 - .130 [2.29 - 3.30]	No
2238027-4	Tin plated brass	Straight	22 - 18	.090 - .130 [2.29 - 3.30]	No
1969161-1	Brass	Straight	22 - 18	.090 - .130 [2.29 - 3.30]	Yes
1969161-2	Tin plated brass	Straight	22 - 18	.090 - .130 [2.29 - 3.30]	Yes
1742999-1	Brass	Flag	18 - 14	.110 - .160 [2.79 - 4.06]	No
1742999-2	Tin plated brass	Flag	18 - 14	.110 - .160 [2.79 - 4.06]	No

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LifeElectronics
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