



Quick Reference Guide **FASTON Terminals – Brazil**

Speed of application – uniform reliability – low per-line cost. These advantages have made TE's FASTON products the industry leader in the appliance and automotive industries. A complete line of application tooling has been developed specifically for these terminals. Crimping dimensions for each terminal are precisely controlled so all connections are identical in performance.

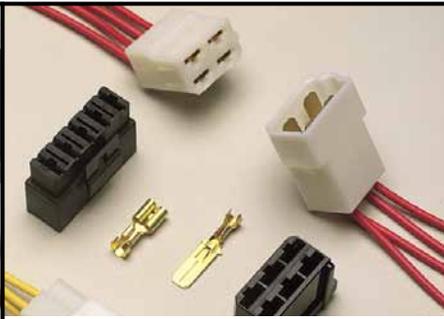
Key Features

- Insulated and uninsulated
- Straight and flag configurations
- Stress relieved receptacles
- Various plating options
- Positive Lock solutions
- High temperature solutions
- Application tooling

Applications

- Washing machines
- Dryers
- Electric and Gas Ranges
- Wall Ovens
- Dishwashers
- Refrigeration
- HVAC
- Automotive



Product Family	 <p>FASTON Receptacles Tabs & Connectors</p>	 <p>FASTIN-FASTON Receptacles Tabs & Connectors</p>	 <p>Positive Lock Receptacles & Connectors</p>			
Product Description	<p>FASTON is a product line designed for quick connections. It offers speed application, quality and uniform reliability.</p> <ul style="list-style-type: none"> • straight / flag, crimp / PCB / board mount versions • receptacle / tab combinations available • size 2.8/4.8/5.2/6.3/9.5mm, .110"/.187"/.205"/.250"/.312" • available with or without insulation support 	<p>FASTIN-FASTON connectors offer the advantage of the FASTON technology in multiple applications. Receptacle and tabs fully comply with FASTON products. Differentiated only by the addition of a locking lance to help ensure firm retention of contacts when snapped into housings.</p>	<p>Positive Lock receptacles are specifically designed to provide ease of assembly and secure retention to mating tabs. These unique features are attainable by the reduced insertion force and locking dimple. The receptacle locks onto mating tabs containing holes and is removable only by deflecting an integrally designed depressor prior to withdrawal.</p>			
Product Selection	<p>1) Select Series - Tab width onto which the Receptacle is being plugged FASTON products are grouped according to tab width dimensions in series:</p> <ul style="list-style-type: none"> 9.5mm ("375" Series) 6.3mm ("250" Series) 5.2mm ("205" Series) 4.8mm ("187" Series) 2.8mm ("110" Series)  <p>* Receptacle series must match the mating tab width and thickness.</p> <p>2) Select Wire Range - AWG or sqmm</p> <p>3) Select Wire Type & Terminal Orientation (straight or flag), then Crimp Style - Method by which the terminal is applied to the wire</p> <table border="1" data-bbox="224 1361 1494 1787"> <tr> <td data-bbox="224 1361 657 1787"> <p>"F" Crimp</p>  <p>Most Common Crimp Used on Straight and Flag Terminals Offers Optimum Combination of Strength and Conductivity Method of Termination Provides Maximum Resistance to Vibration and Corrosion</p> </td> <td data-bbox="657 1361 1091 1787"> <p>Tab-Lok Crimp</p>  <ul style="list-style-type: none"> • Featured on Flag Terminals • Locking Tab on Wire Barrel is Inserted through a Slot on the Terminal itself </td> <td data-bbox="1091 1361 1494 1787"> <p>"C" Crimp</p>  <p>Featured on Flag Terminals Provides Reliable Electrical and Mechanical Performance with a Minimum Profile</p> </td> </tr> </table> <p>4) Select Line - Various configurations having the necessary features to provide a desired interconnect for the application: Premier, Low Insertion Force (LIF), Budget, Economy, Hermetic, Moldable, FASTIN-FASTON, Positive Lock,.....</p> <p>5) Select specific criteria: Plating Requirements (Pre-Tin/Post Plating): Insulated Housing or pre-insulated terminal; Temperature/Environment (Silver, Nickel Plate,.....); Agency Approvals UL/CSA/VDE/.....; Solid Wire (Non-Magnet)</p>			<p>"F" Crimp</p>  <p>Most Common Crimp Used on Straight and Flag Terminals Offers Optimum Combination of Strength and Conductivity Method of Termination Provides Maximum Resistance to Vibration and Corrosion</p>	<p>Tab-Lok Crimp</p>  <ul style="list-style-type: none"> • Featured on Flag Terminals • Locking Tab on Wire Barrel is Inserted through a Slot on the Terminal itself 	<p>"C" Crimp</p>  <p>Featured on Flag Terminals Provides Reliable Electrical and Mechanical Performance with a Minimum Profile</p>
<p>"F" Crimp</p>  <p>Most Common Crimp Used on Straight and Flag Terminals Offers Optimum Combination of Strength and Conductivity Method of Termination Provides Maximum Resistance to Vibration and Corrosion</p>	<p>Tab-Lok Crimp</p>  <ul style="list-style-type: none"> • Featured on Flag Terminals • Locking Tab on Wire Barrel is Inserted through a Slot on the Terminal itself 	<p>"C" Crimp</p>  <p>Featured on Flag Terminals Provides Reliable Electrical and Mechanical Performance with a Minimum Profile</p>				

Current Carrying Capacity

size 2.8mm	14A max with 1.5mm ² wire size
size 4.8mm / 5.2mm	20A max with 2.5mm ² wire size
size 6.3mm	28A max with 4 or 6mm ² wire size
size 9.5mm	50A max with 10mm ² wire size

Plastic Insulation Material

The following list shows various plastics and their application temperatures.

High temp. polyamide (nylon)	150°C
Polyamide, (nylon)	125°C
Polypropylene	105°C
Polyester.	90°C
Polyethylene.	75°C
A.B.S.	70°C
PVC.	60°C

Note: For information related to Glow Wire Temperature ratings and specific product temperatures please contact TE Engineering.

www.te.com/products/faston

FOR MORE INFORMATION

TE Technical Support Center

Austria:	+43 (0) 1-9056-0	Germany:	+49 (0) 6151-607-1999	Nordic:	+46 (0) 8-5072-5000
Baltic Regions:	+44 (0) 1-382508080	Italy:	+39 (0) 011-401-2111	Spain/Portugal:	+34 (0) 932-910-330
Canada:	+1 (800) 522-6752	Latin/S. America:	+54 (0) 11-4733-2200	Switzerland:	+41 (0) 71-447-0447
China:	+86 (0) 400-820-6015	Mexico:	+52 (0) 55-1106-0800	UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686	Netherlands:	+31 (0) 73-6246-999	USA:	+1 (800) 522-6752

For other country number go to te.com/supportcenter

Part numbers in this brochure are RoHS Compliant*, unless marked otherwise.

*as defined www.te.com/leadfree

te.com

© 2012 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All Rights Reserved.
8-1773465-2 CS 11/2012

Blu-ray™ is a trademark of the Blu-ray Disc Association.

TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks. Other logos, product and/or Company names might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

