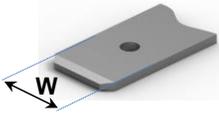
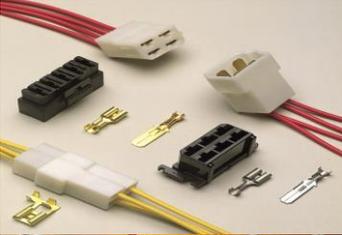
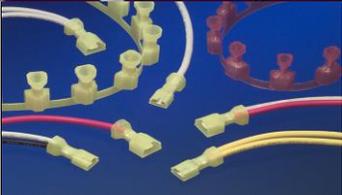


Product Family	Product description	Product selection *
 <p>FASTON Receptacles Tabs & Connectors</p>	<p>FASTON product line is designed for quick connections. It offers speed application, quality and uniform reliability.</p> <ul style="list-style-type: none"> - straight / flag, crimp / PCB / board mount versions - receptacle / tab combinations available - size 2.8 / 4.8 / 5.2 / 6.3 / 9.5 mm (.110"/.187"/.205"/.250"/.375") - available with or without insulation support 	<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> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <p>W</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) </div> <div style="text-align: center;">  </div> <div style="margin-left: 10px;"> <p>* Receptacle series must match the mating tab width and thickness.</p> </div> </div>
 <p>FASTIN-FASTON Receptacles Tabs & Connectors</p>	<p>FASTIN-FASTON connectors offer the advantage of the FASTON technology in multiple applications. Receptacle and tabs <u>fully comply with FASTON products</u>. The only difference is the addition of a locking lance which helps ensure <u>firm retention of contacts</u> when snapped into housings.</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> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <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> </div> <div style="text-align: center;"> <p>Tab-Lok Crimp</p>  <p>Featured on Flag Terminals Locking Tab on Wire Barrel is Inserted through a Slot on the Terminal itself</p> </div> <div style="text-align: center;"> <p>"C" Crimp</p>  <p>Featured on Flag Terminals Provides Reliable Electrical and Mechanical Performance with a Minimum Profile</p> </div> </div>
 <p>Positive Lock Receptacles & Connectors</p>	<p>Positive Lock receptacle are specifically designed to provide ease of assembly and secure retention to mating tabs. These unique features are attainable by the <u>reduced insertion force</u> and the locking dimple. The receptacle locks onto mating tabs containing holes and is <u>removable only by deflecting an integrally designed depressor prior to withdrawal</u>.</p>	
 <p>Ultra-Pod Receptacles & Tabs</p>	<p>The Ultra-Fast and Ultra-Pod FASTON quick connect product families offers a robust, one or two piece, fully insulated, cost effective method for point-to-point wiring. Products are offered in <u>both straight and right angle versions for use in almost every industry</u>. Terminals <u>low insertion force available</u>.</p>	<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>Ultra-Fast Receptacles & Tabs</p>	<p>Ultra-Pod → Two-piece fully insulated receptacle & tab → Automatic assembly</p> <p>Ultra-Fast → One-piece fully insulated receptacle & tab → Allows std, heavy wall and two wire applications</p>	<p>5) Select specific criteria:</p> <ul style="list-style-type: none"> 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) <div style="text-align: right; margin-top: 10px;">  </div> <div style="text-align: right; margin-top: 10px;"> <p>* www.te.com/products/faston</p> </div>

EVERY CONNECTION COUNTS

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Specifications

FASTON Quick Connect Receptacles & Tabs



Materials and Finishes	Preferred PNs / Product Line	Typical Applications / Typical Product Line
<p>Ph. Bronze Plain Brass Plain Steel Nickel Plated</p> <p>Phosphor bronze is used in applications where brass would normally be corroded, for example the various freezing mixtures and ammonias.</p> <p>Plain brass is used frequently, where applications have optimal environmental conditions</p> <p>This combination allows a reliable connection at high temperatures, for example in stoves, cooking appliances</p> <p>Brass / Ph. Bronze Silver Plated Brass / Ph. Bronze Tin Plated</p> <p>Silver plated connections allow the highest operating temperature and higher current carrying capacity</p> <p>Tin plating of receptacle and tab improves operation at higher temperatures, and in addition helps to protect the connection against corrosion.</p> <p>Typical operating conditions(*)</p> <p>+90°C Plain +110°C Tin plated +130°C Silver plated +250°C Steel Nickel plated</p>	<p>FASTON</p> <p>5-160432-3 6-160432-4 2-160256-2 6-160432-0 336075-3 42041 280001-9 4-160256-7 2178299-1 2178300-1</p> <p>FASTIN-FASTON</p> <p>293041-1 (tab) 160917-3 42100-1 160927-4 293041-2 (tab) 5-160446-8 42100-2 6-160446-6 284340-5</p> <p>Positive Lock</p> <p>160759-1 927854-2 790319-3 1-160759-2 175193-1 927854-8 173724-7</p>	<p>High Temp applications Cooking Dishwashers Washing machines Air conditioning Refrigerators Appliance</p> <p>Battery chargers Electric utility meters Lawn & garden Transformers General service equipment</p>
<p>Plastic Insulation Material</p> <p>The following list shows various plastics and their application temperatures.</p> <p>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</p> <p>Note: For information related to Glow Wire Temperature ratings and specific product temperatures pls contact TE Engineering.</p>	<p>Ultra-Pod</p> <p>520971-2 1969109-2 520982-2 521011-1</p>	<p>Electric motors Small engines Power tools Power supplies Controls</p>
<p>Current Carrying Capacity</p> <p>size 2.8mm 14A max with 1.5mm² wire size size 4.8mm / 5.2mm 20A max with 2.5mm² wire size size 6.3mm 28A max with 4 or 6mm² wire size size 9.5mm 50A max with 10mm² wire size</p>	<p>Ultra-Fast</p> <p>2-520336-2 3-520406-2 3-520132-2</p>	<p>Transportation Automotive wire harnesses</p>

(*) allowable connection temperature is the ambient temperature plus temperature rise of the terminal at normal operating conditions; for special applications / requests pls contact TE Engineering

