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**AMP**

AMP INCORPORATED  
HARRISBURG, PA 17105

CUSTOMER HOTLINE  
1 800 722-1111

SELECTION CHARTS FOR AMP\*  
ULTRA-FAST, ULTRA-FAST PLUS, AND  
PIDG\* INSULATED FASTON\* TERMINALS  
AND APPLICABLE CRIMP TOOLING

**IS 7867**

RELEASED  
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## 1. INTRODUCTION

The selection charts provide information regarding AMP Ultra-Fast and Ultra-Fast Plus fully insulated FASTON terminals, and AMP PIDG (Pre-Insulated Diamond Grip) terminals. The charts also identify the applicable crimp tooling, application machines, and hand tools for the terminals.

## 2. DESCRIPTION

The charts are organized such that they may be used for information, selection, and identification of terminals. Ultra-Fast, Ultra-Fast Plus, and PIDG terminals are grouped according to the following:

**Series/Size** — This indicates the tab width that the receptacle mating portion will accept, or the width of the tab on a tab terminal.

**Wire Range** — This describes the acceptable AWG wire range (or CMA on PIDG terminals) within a series size that may be used with those terminals indicated.

### NOTE

*Ultra-Fast and Ultra-Fast Plus terminals are available in strip or loose-piece form. PIDG terminals are available in strip, loose-piece, and tape-mounted form.*

The crimp tooling portion of the charts provides the part numbers of applicable tooling, machines, and hand tool/die sets for the terminals. Any inquiries regarding current tooling information for AMP Ultra-Fast, Ultra-Fast Plus, or PIDG terminals should be made to the AMP Customer Assistance Hotline number listed at the top of this page.

ULTRA-FAST TERMINAL INFORMATION

Ultra-Fast Fully Insulated FASTON Receptacle, Tab, and Flag Terminals		Ultra-Fast Crimp Tooling									
Description (Series)	Wire Range AWG	Part Number	Strip Form Terminals			Loose Piece Terminals					
			Quick Change Applicator for AMP-O-ELECTRIC <sup>+</sup> Machine 565435-5	AMPOMATOR <sup>®</sup> Machines Model IV A	Model IV B & CLS II		Die Insert Set for AUTO-PRO Machines 818380-1 w/Applicators				
.110 Receptacles	26-22	7-520365-2	567082-2	567039-7	567041-1	58269-1	818058-2	818058-3	58078-3	58052-3	69710-1
		2-520060-2	567041-2	567039-7	567041-1	58269-2	---	---	90390-3	---	---
		2-520063-2	---	---	---	---	---	---	---	---	---
		2-520272-2	---	---	---	---	---	---	---	---	---
.187 Receptacles	16-14	2-520310-2	---	---	---	---	---	---	---	---	---
		3-520370-2	567117-2	---	567117-1	58269-3	---	---	90391-3	---	---
		2-520181-2	466779-4	567039-1	466779-3	58269-2	---	---	90390-3	---	---
		2-520193-2	---	---	---	---	---	---	---	---	---
.250 Receptacles	22-18	2-520261-2	---	---	---	---	---	---	---	---	---
		2-520274-2	466778-4	567039-2	466778-3	58269-3	---	---	90391-3	---	---
		3-350815-2	---	---	---	---	---	---	---	---	---
		3-520124-2	---	---	---	---	---	---	---	---	---
.250 Receptacles	16-14	2-520150-2	466779-4	567039-3	466779-3	58269-2	---	---	90390-3	---	---
		2-520183-2	---	---	---	---	---	---	---	---	---
		2-520183-4	---	---	---	---	---	---	---	---	---
		2-520263-2	---	---	---	---	---	---	---	---	---
.250 Receptacles	16-14	3-350819-2	466778-4	567039-4	466778-3	58269-3	---	---	90391-3	---	---
		3-520116-2	---	---	---	---	---	---	---	---	---
		3-520140-2	---	---	---	---	---	---	---	---	---
		3-520140-4	---	---	---	---	---	---	---	---	---
.250 Tab	12-10	4-520447-2	567142-2	---	567142-1 <sup>2</sup>	58269-4 <sup>2</sup>	---	---	---	---	58267-1 <sup>0</sup>
		2-520102-2	466779-4	567039-5	466779-3	58269-2	---	---	90390-3	---	58267-2 <sup>2</sup>
		3-520106-2	466778-4	567039-6	466778-3	58269-3	---	---	90391-3	---	---
		2-520334-2	567083-2	567121-1	567083-1	---	---	---	58308-1	90390-3	---
.187 Flag Receptacles	16-14	3-520338-2	567085-2	567122-1	567085-1	---	---	---	90391-3	---	---
		3-520340-2	---	---	---	---	---	---	---	---	---
		2-520128-2	466784-2	682317-1	466784-1	---	---	---	58308-1	90390-3	---
		2-520856-2	567278-2	---	---	---	---	---	---	---	---
.250 Flag Receptacles	16-14	3-520132-2	466785-2	682317-2	466785-1	---	---	---	58308-2	---	---
		3-520133-2	---	---	---	---	---	---	90391-3	---	---

Special UL/CSA status. Check AMP Engineering.

122 AWG only.  
212 AWG only.  
310 AWG only.

ULTRA-FAST PLUS TERMINAL INFORMATION

Ultra-Fast Plus Fully Insulated FASTON Receptacle		Ultra-Fast Plus Crimp Tooling			
Description (Series)	Wire Range AWG	Part Number	Strip Form Terminals		Loose Piece Terminals
			AMP-O-ELECTRIC Machine 565435-5	AMPOMATOR Machines Model IV A	
.110 Series	22-18	2-520932-2	5672726-2	---	58079-3
	22-18	2-520401-2	567111-2	567201-1	58079-3
.187 Series	16-14	3-520402-2	567112-2	567202-1	58080-3
	22-18	2-520405-2	567111-2	567201-1	58079-3
.250 Series	16-14	3-520406-2	567112-2	567112-1	58080-3
	16-14	3-520408-2	567112-2	567112-1	58080-3

PIDG TERMINAL INFORMATION

Description (Series)	Wire Size Range		Part Numbers			PIDG Crimp Tooling			
	AWG	CMA	Loose Piece	Tape Mounted	Strip Form	Wire Range AWG	Hand Tool	Tools for Tape Mounted Terminations (Tape Dies for 818057-2 AUTO-PRO Appl. 2 567200-2 Applicator 3 587658-1 Applicator*)	Applicator for Strip Form Terminations (AMP-O-ELECTRIC Machine)
.250	12-10	5, 180-13, 100	640907-1	640907-2	640906-1	22-18	59824-11	59826-11	466788-4
	16-14	2, 050-5, 180	640903-1	640903-2	640902-1	16-14	59824-11	59827-11	466789-4
	14-12	3, 831-6, 654	42844-1*	42844-3*	60544-3*	12-10	59824-11	59828-11	466790-4
			42844-2*						
.205	22-18	509-1, 900	640909-1	640909-2	---				
	16-14	2, 050-5, 180	640911-1	640911-2	---				
	16-14	2, 050-5, 180	640913-1	---	---				
			640915-1	640915-2	---				
.187	26-24	238-475	641321-1*	---	---				
	22-18	509-1, 900	640917-1	640917-2	640916-1				
	16-14	2, 050-5, 180	640919-1	640919-2	640918-1				
	22-18	509-1, 900	61048-1*	61048-2*	---				
.110	22-18	509-1, 900	61060-1*	61060-2*	61059-2*				
	22-18	509-1, 900	60894-1*	60894-2*	---				
			---	---	350871-12*				
	22-18	509-1, 900	640921-12	640921-22	---				
.110	22-18	509-1, 900	640923-12	640923-22	640922-12				
			640925-12	640925-22	640924-12				
	16-14	2, 050-5, 180	640927-12	640927-22	---				
	16-14	2, 050-5, 180	640929-12	640929-22	---				
		640931-12	640931-22	---					

1 TETRA-CRIMP\* configuration  
 2 For AUTO-PRO machine 818380-1  
 3 For AMP-O-ELECTRIC machine 565435-5  
 4 For AMPOMATOR machine

1 Standard Receptacle  
 2 Low Insertion Force Receptacle  
 3 For current tooling information, call Customer Assistance  
 Hotline: 1 800 722-1111