

Distributed by:

JAMECO[®]
ELECTRONICS

www.Jameco.com ♦ 1-800-831-4242

The content and copyrights of the attached
material are the property of its owner.

Jameco Part Number 303327

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

19

© COPYRIGHT 19

BY AMP INCORPORATED. ALL RIGHTS RESERVED.

LOC

DIST

REVISIONS

G

14

P	LTR	DESCRIPTION	DATE	DWN	APVD
	F	REV PER 0G3A-0176-02	08APR02	JR	TM

WIRE STOP

SERRATIONS

SLEEVE

INSULATION

3 EQUALLY SPACED STRIPES

.210

.020 MAX

.250

.780 MAX

.031 MIN

.148

.025

FITS "110" SERIES FASTON TAB

(REFER TO CP-16000 FOR TAB DETAILS)

1. FOR 22 WIRE ONLY,

INSULATION RANGE .040-.080

2. TAB THK .016±.001

AMP INCORPORATED

CUSTOMER SERVICE SYSTEM

FOR ADDITIONAL

PRODUCT INFORMATION OR

COPIES OF DRAWINGS

AND TECHNICAL DOCUMENTS

PRODUCT INFORMATION CENTER

1-800-522-6752

FOR APPLICATION

TOOLING INFORMATION

TOOLING ASSISTANCE CENTER

1-800-722-1111

FOR ORDER ENTRY

1-800-526-5142

MAX RECOMMENDED OPERATING

TEMPERATURE:

-

VOLTAGE RATING:

-

CIRCULAR MIL AREA:

-

THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED.

IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING

ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

INCHES

TOLERANCES UNLESS

OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±-

2 PLC ±.015

3 PLC ±-

4 PLC ±-

ANGLES ±-

MATERIAL

BODY, BRASS .012

INSUL, NYLON, COLOR,

RED WITH GREEN STRIPE

FINISH

BODY, PRE-TIN

-

DWN

L OLMEDA

CHK

M ELLIS

APVD

B BARE

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

AMP

AMP Incorporated

Harrisburg, PA 17105-3608

NAME

RECEPTACLE, 110 SERIES,

FASTON™, IR, PIDG™,

WIRE SIZE, 22 AWG

SIZE

A3

CAGE CODE

00779

DRAWING NO

C-55319

SCALE

NT5

SHEET

1 OF 1

REV

F

AMP 1470-19 REV 09MAY94

24 JAN 1996 13:28:59 AMP12368 <UU128A>DEPT1132>U.DWG1132>U.RBY>U.FASTON>U.CUST

PIDG FASTON (Continued)

Receptacles

Receptacle Style:

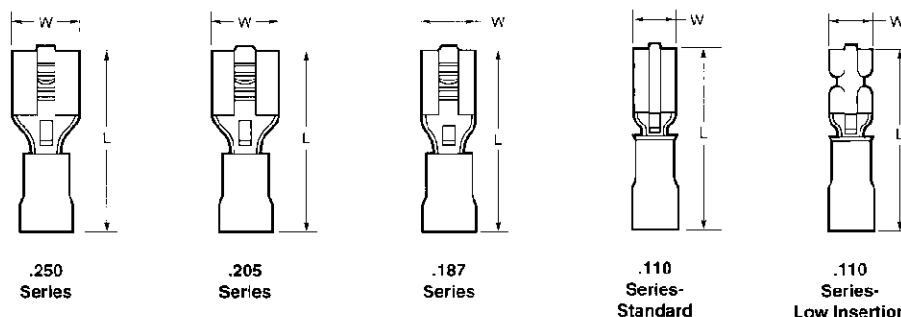
- A** — No dimple with wire stop
B — Dimple with wire stop
C — No dimple, no wire stop

Material

Insulation — Nylon, UL 94V-2
Receptacle Body — Brass per ASTM B-36 or Phosphor Bronze per ASTM B-139
Plating — Tin per ASTM B-545 except where noted.
Metallic Sleeve — Copper per ASTM B-152
Plating — Tin per ASTM B-545

Related Product Data

Insulation Color Code — pg. 4
Packaging Quantities — pg. 4
Performance Specifications — pgs. 4 & 5
Application Tooling — pg. 73



Series	Wire Size Circular Mils [mm ²]	Style	Dimensions		Terminal Insulation Color	Wire Insulation Diameter Max.	Recept. Matl.	Stock Thk.	Fits Tab Thk.	Part Numbers		
			W Nom.	L Max.						Loose Piece	Tape Mounted	Strip Form
.250	22-18 509-1,900 [0.26-0.96]	B	.300 7.62	.900 22.86	Rec	.140 3.56	Brass	.018 0.46	.032 0.81	640903-1*	640903-2	640902-1
			.300 7.62	.900 22.86	Rec	.140 3.56	Brass	.018 0.46	.032 0.81	55675-1 ²	55675-2 ²	—
	16-14 2,050-5,180 [1.04-2.62]	B	.300 7.62	.900 22.86	Blue	.170 4.32	Brass	.018 0.46	.032 0.81	640905-1*	640905-2	640904-1
			.300 7.62	1.012 25.70	Green	.250 6.35	Brass	.018 0.46	.032 0.81	42844-1 ^{1†}	42844-3 [†]	60544-3 [†]
	14-12 3,831-6,470 ¹ [1.94-3.28]	B	.300 7.62	1.012 25.70	Green	.250 6.35	Phos. Brz.	.018 0.46	.032 0.81	42844-2 [†]	—	—
			.300 7.62	1.012 25.70	Yellow	.250 6.35	Brass	.018 0.46	.032 0.81	640907-1*	640907-2	640906-1
	12-10 5,180-13,100 [2.62-6.64]	B	.300 7.62	1.012 25.70	Yellow	.250 6.35	Phos. Brz.	.018 0.46	.032 0.81	61198-2	61198-4	—
			.300 7.62	.900 22.86	Red	.145 3.68	Brass	.016 .406	.032 .813	184262-1	184262-2	184261-1
.250 Low Insertion	16-14 2,050-5,180 [1.04-2.62]	B	.300 7.62	.900 22.86	Blue	.173 4.39	Brass	.016 .406	.032 .813	184265-1	184265-2	184264-1
.205	22-18 509-1,900 [0.26-0.96]	B	.250 6.35	.800 20.32	Red	.135 3.43	Brass	.016 0.41	.020 0.51	696018-1	696018-2	—
			.250 6.35	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.020 0.51	640909-1*	640909-2	640908-1
			.250 6.35	.800 20.32	Red/Black	.140 3.56	Brass	.016 0.41	.020 0.51	640 [†] 74-1	—	—
			.250 6.35	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.032 0.81	640911-1*	640911-2	640910-1
	16-14 2,050-5,180 [1.04-2.62]	B	.250 6.35	.800 20.32	Blue	.170 4.32	Brass	.016 0.41	.020 0.51	640913-1*	640913-2	—
			.250 6.35	.800 20.32	Blue	.170 4.32	Brass	.016 0.41	.032 0.61	640915-1*	640915-2	—
			.230 5.84	.700 17.78	Yellow	.082 2.08	Brass	.016 0.41	.020 0.51	641321-1 ^{††}	641321-2 [†]	641320-1 ^{††}
			.230 5.84	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.020 0.51	640917-1*	640917-2	6409 [†] 6-1
.187	22-18 509-1,900 [0.26-0.96]	B	.230 5.84	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.020 0.51	—	640578-2 [†]	—
			.230 5.84	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.040 1.02	—	—	—

¹Not UL or CSA approved or listed.
²Available in small packaging quantities.

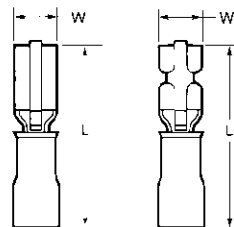
[†]Wire range is limited as noted.
^{††}Unplated receptacle body.

PIDG FASTON (Continued)**Receptacles** (Continued)

Series	Wire Size Circular Mills [mm ²]	Style	Dimensions		Terminal Insulation Color	Wire Insulation Diameter Max.	Recept. Matl.	Stock Thk.	Fits Tab Thk.	Part Numbers		
			W Nom.	L Max.						Loose Piece	Tape Mounted	Strip Form
.187	16-14 2.050-5.180 [1.04-2.62]	B	.230 5.84	.800 20.32	Blue	.170 4.32	Brass	.016 0.41	.020 0.51	640919-1*	640919-2	640918-1
			.230 5.84	.900 22.86	Blue	.250 6.35	Brass	.016 0.41	.020 0.51	696108-1	696108-2	—
.187 Low Insertion	22-18 509-1.900 [0.26-0.96]		.230 5.84	.800 22.86	Red	.145 3.68	Brass	.016 .406	.032 .813	184268-1	184268-2	184267-1
			.300 7.62	.900 22.86	Blue	.173 4.39	Brass	.016 .406	.032 .813	184235-1	184235-2	184234-1
.110 Standard	16-14 2.050-5.180 [1.04-2.62]	B	.148 3.76	.734 18.64	Natural	.110 2.79	Brass	.012 0.30	.016 0.41	61048-1**	61048-2†	—
			.148 3.76	.734 18.64	Natural	.110 2.79	Brass	.012 0.30	.020 0.51	61060-1**	61060-2†	61059-2†
			.148 3.76	.734 18.64	Natural	.110 2.79	Brass	.012 0.30	.032 0.81	60894-1**	60894-2†	60893-2†
			.148 3.76	.734 18.64	Black	.110 2.79	Brass	.012 0.30	.032 0.81	—	61678-2†	—
.110 Low Insertion	26-24 238-475 [0.12-0.24]	A	.160 4.06	.700 17.78	Yellow	.082 2.08	Brass	.016 0.41	.020 0.51	641324-1†	641324-2†	—
			.160 4.06	.796 20.22	Red	.140 3.56	Brass	.016 0.41	.012 0.30	—	—	350871-1†
	22-18 509-1.900 [0.26-0.96]	A	.160 4.06	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.016 0.41	640921-1	640921-2	—
			.160 4.06	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.020 0.51	640923-1*	640923-2	640922-1
			.160 4.06	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.032 0.81	640925-1*	640925-2	640924-1
			.160 4.06	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.032 0.81	640925-1*	640925-2	640924-1
	16-14 2.050-5.180 [1.04-2.62]	A	.160 4.06	.800 20.32	Blue	.170 4.32	Brass	.016 0.41	.020 0.51	640929-1*	640929-2	—
		A	.160 4.06	.800 20.32	Blue	.170 4.32	Brass	.016 0.41	.032 0.81	640931-1*	640931-2	—
		B	.160 4.06	.800 20.32	Blue	.170 4.32	Brass	.016 0.41	.016 0.41	640927-1	640927-2	—
		C	.160 4.06	.796 20.19	Blue	.170 4.32	Brass	.016 0.41	.032 0.81	641317-1	—	—

†Not UL or CSA approved or listed.

*Available in small packaging quantities.

Receptacles
(Insulation Restricting).110
Series-
Standard.110
Series-
Low Insertion**Material**

Insulation — Nylon, UL 94V-2

Receptacle Body — Brass per

ASTM B-36

Receptacle Style B — Dimple with
wire stop

Plating — Tin per ASTM B-545

Metallic Sleeve — Copper per
ASTM B-152Plating — Tin per ASTM B-545 or
Nickel per QQ-N-290**Related Product Data**

Insulation Color Code — pg. 4

Packaging Quantities — pg. 4

Performance Specifications —
pgs. 4 & 5

Application Tooling — pg. 73

Series	Wire Size Circular Mills [mm ²]	Style	Dimensions		Terminal Insulation Color Solid/Stripe	Wire Insulation Diameter Range	Recept. Matl.	Stock Thk.	Fits Tab Thk.	Part Numbers		
			W Nom.	L Max.						Loose Piece	Tape Mounted	Strip Form
.110 Standard	22 754 [0.33]	B	.148 3.76	.780 19.81	Red/ Green	.040-.080 1.02-2.03	Brass	.012 0.30	.016 0.41	55319-1	55319-3	—

Dimensions are shown for reference
purposes only.Dimensions are in inches and
millimeters unless otherwise
specified. Values in brackets are
metric equivalents.

Specifications subject to change.

Technical Support Center
1-800-522-6752
www.amp.com

-
- Home

Part Number Search

Document Search

Text Search

Alternate Part Search

Multiple Part Comparison

Alphabetical Search

Brand Search

Industry Product Search

Product Type Search

Product Family Search

Competitor Cross Reference

Lead Free Solutions

Help/Glossary

Current Brand View

AMP

View All Tyco Electronics Brands

Click to activate links to all other products

Terminals and Splices

Quick Disconnect Receptacles - Insulated

AMP55319-1ActiveActive

(Tyco Electronics P/N: 55319-1)

Search for Parts | Previous12NextN

Document links for this part cannot be displayed. Your browser does not support inline frames or is currently configured not to display inline frames. Inline frames are supported in both Internet Explorer 5 and Netscape 6, as well as all later versions of these browsers.

Related Part Information		
General Information	eCommerce	Related Part Information
General Info Sales Info Assembly Subcontractors	Pricing Product Availability	

Searchable Features:	
Brand:	AMP
Proprietary Name:	PIDG FASTON
Receptacle Style:	Straight
Fully Insulated:	No
Wire Range (mm [AWG]):	0.38² [22]
Tab Fit (mm [in]):	2.79 x 0.41 [.110 x .016]
Insulation Support:	Insulation Support
Insulation Diameter (mm [in]):	1.02-2.03 [.040-.080]
Insertion Force:	Normal
Material:	Brass
Finish:	Tin
Dimple Type:	Dimple with wire stop
Packaging Method:	Loose Piece

Other Properties:	
Voltage (VAC):	300
RU (UL Component Program):	Approved
CSA Certified:	Yes
Color:	Red/Green
Insulation Material:	Nylon
Stock Thickness (mm [in]):	0.30 [0.012]

[Copyright](#) and [Privacy Statement](#)

Visit [Tyco International, Ltd.](#)

[Products](#) | [Catalog](#) | [Brands](#) | [Industries](#) | [Commerce](#) | [Supplier](#) | [Customer Service](#) | [About](#) | [Home](#)