



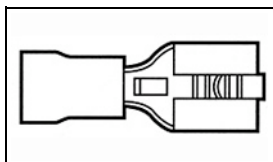
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640905-2 Product Details

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640905-2

TE Internal Number: 640905-2

Active

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Quick Disconnect Receptacles - Insulated

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Proprietary Name = PIDG FASTON
- Receptacle Style = Straight
- Wire Range = 1.25-2.00² [16-14] mm [AWG]
- Mating Area Interface Dimensions = 6.35 x 0.81 mm
- Insulation Diameter = 4.32 [.170] Max. mm [in]

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE, 250 SERIES, FASTON , PIDG , 16-14](#) (PDF, English)

Catalog Pages/Data Sheets:

- [PIDG_FASTON](#) (PDF, English)
- [Ultra-Fast and Ultra Fast Plus](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- [Pre-Insulated Diamond Grip \(PIDG\) FASTON Receptacle ...](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version N1)
- [3D Model](#) (IGES, Version N1)
- [3D Model](#) (STEP, Version N1)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [Receptacle Style](#) = Straight
- [Insertion Force](#) = Normal
- [Finish](#) = Tin
- [Dimple Type](#) = Dimple with wire stop
- [Insulation Support](#) = Insulation Support
- [RU \(UL Component Program\)](#) = Approved
- [Color](#) = Blue

Electrical Characteristics:

- [Voltage \(VAC\)](#) = 300

Termination Features:

- [Wire/Cable Size \(CMA\)](#) = 2,050 - 5,180

Dimensions:

- [Mating Area Interface Dimensions \(mm \[in\]\)](#) = 6.35 x 0.81 [.250 x .032]
- [Insulation Diameter \(mm \[in\]\)](#) = 4.32 [.170] Max.

Body Features:

- [Fully Insulated](#) = No
- [Wire Range \(mm \[AWG\]\)](#) = 1.25-2.00² [16-14]
- [Material](#) = Brass
- [Insulation Material](#) = Nylon
- [Stock Thickness \(mm \[in\]\)](#) = 0.46 [0.018]

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- [RoHS/ELV Compliance History](#) = Always was RoHS compliant
- [CSA Certified](#) = Yes

Packaging Features:

- [Packaging Method](#) = Tape Mounted

Other:

- [Proprietary Name](#) = PIDG FASTON
- [Brand](#) = AMP

Corporate Information

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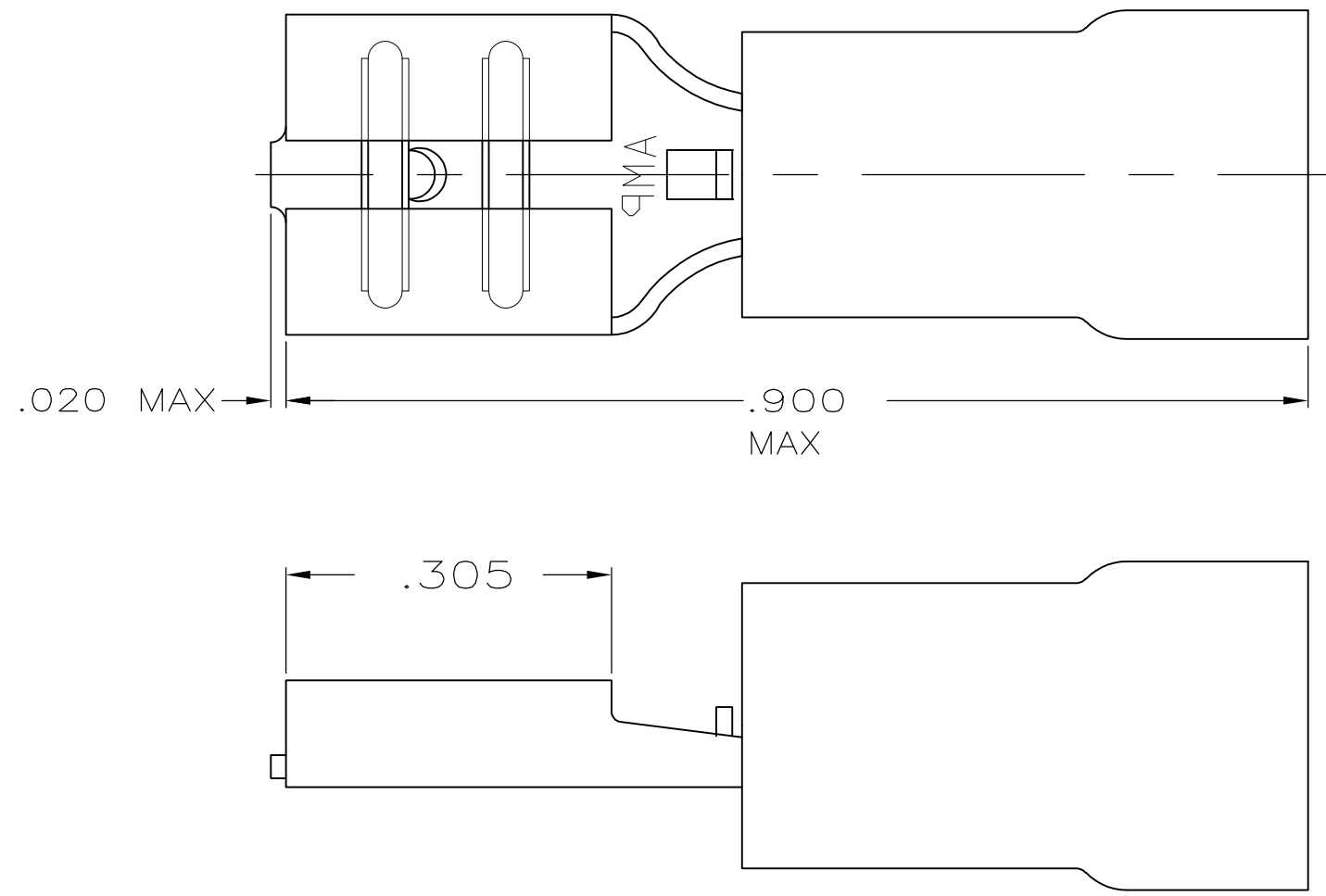
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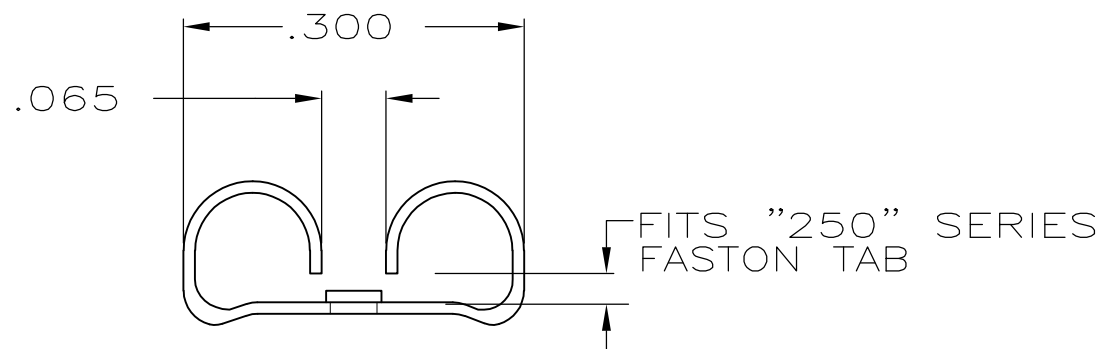
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LOC	DIST	REVISIONS					
G	14	P	LTR	DESCRIPTION	DATE	DWN	APVD
			N2	REVISED PER ECO-11-004587	11MAR11	RK	HMR



- 1. INSULATION DIA .170 MAX
- 2. FITS TAB .032 THK
- 3 PRELIMINARY - NOT FOR PRODUCTION

AMP WIRE RANGE	FILE E66717	LR7189 Certified
16-14 AWG STRANDED	16-14 AWG STRANDED	16-14 AWG STRANDED



3	LOOSE PC,BAG	3 8-640905-7
50	LOOSE PC,BAG	8-640905-6
5	LOOSE PC,BLS,SPL	8-640905-5
100	LOOSE PC,BOX	8-640905-1
3500	TAPE MOUNTED	640905-2
1000	LOOSE PIECE	640905-1
QTY	PACKAGE TYPE	PART NO

AMP INCORPORATED CUSTOMER SERVICE SYSTEMS		MAX RECOMMENDED OPERATING TEMPERATURE: 105°C	THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L OLMEDA 26JUN95	TE Connectivity			
FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS	PRODUCT INFORMATION CENTER 1-800-522-6752	VOLTAGE RATING: 300V MAX	DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK M ELLIS 26JUN95				NAME RECEPTACLE, 250 SERIES, FASTON , PIDG , 16-14
FOR APPLICATION TOOLING INFORMATION	TOOLING ASSISTANCE CENTER 1-800-722-1111	CIRCULAR MIL AREA: 2,050-5,180 STRANDED		0 PLC ± - 1 PLC ± - 2 PLC ± .015 3 PLC ± - 4 PLC ± - ANGLES ± -	APVD B BARE 26JUN95	APPLICATION SPEC UL 310			
FOR ORDER ENTRY	1-800-526-5142		MATERIAL BODY,BRASS .018	FINISH BODY,TIN	PRODUCT SPEC 114-1002	SIZE A3	CAGE CODE 00779	DRAWING NO C-640905	RESTRICTED TO -
					WEIGHT -	CUSTOMER DRAWING			SCALE 6:1
								SHEET 1 OF 1	REV N2