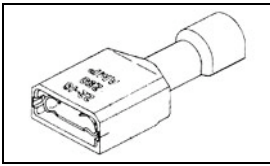


3-520124-2 Product Details

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3-520124-2

TE Internal Number: 3-520124-2
✔ Active

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Ultra-Fast Receptacles & Tabs

✔ Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Terminal Type = Receptacle
- Proprietary Name = Ultra-Fast
- Receptacle Style = Straight
- Mating Area Interface Dimensions = 4.75 x 0.81 mm
- Brass Material

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSY,ULTRA-FAST, .187 SERIES,16-14 AWG \(PDF, English\)](#)

Catalog Pages/Data Sheets:

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

Product Specifications:

- [Ultra-Fast Fully Insulated FASTON Receptacle Terminals \(PDF, English\)](#)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: [\(CAD Format & Compression Information\)](#)

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

[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
- **Insulation Support** = Non-Insulation Support
- **Finish** = Tin

Dimensions:

- **Mating Area Interface Dimensions (mm [in])** = 4.75 x 0.81 [.187 x .032]
- **Insulation Diameter (mm [in])** = 4.06 [.160] Max.

Body Features:

- **Material** = Brass
- **Wire Range (mm [AWG])** = 1.25-2.00² [16-14]
- **Fully Insulated** = Yes

Contact Features:

- **Terminal Type** = Receptacle

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
- **UL Flammability Rating** = UL 94V-2

Packaging Features:

- **Packaging Method** = Strip

Other:

- **Proprietary Name** = Ultra-Fast
- **Brand** = AMP

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- [Distributor Inventory](#)
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Customer Support

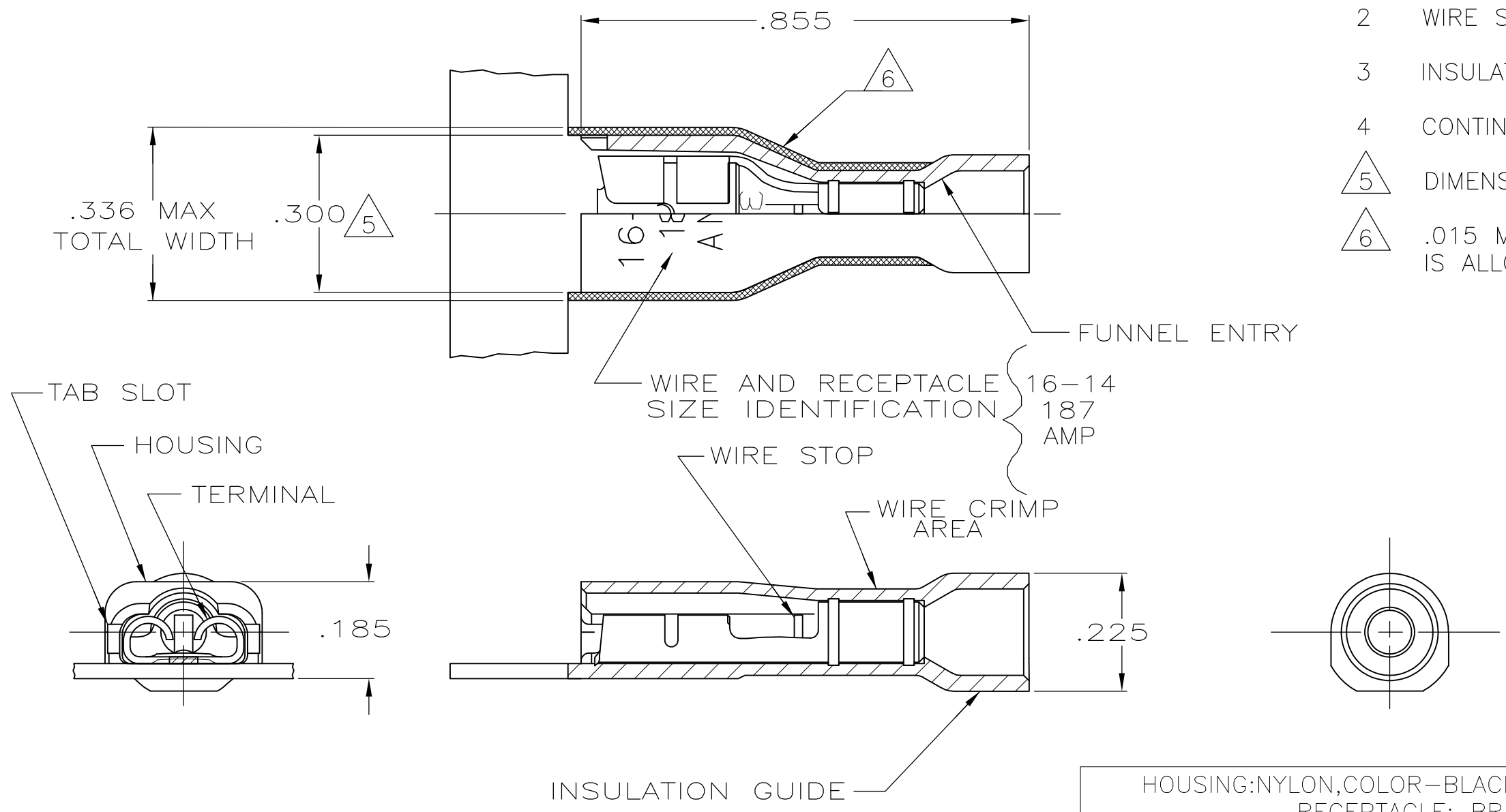
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AF	50	P	REVISED PER ECR-13-004343	30JUL13	KH KR

- 1 MATES WITH .032±.001x.187 TAB
- 2 WIRE STRIP LENGTH .281
- 3 INSULATION SIZE .160 MAX DIA
- 4 CONTINUOUS STRIP ON REELS
- △5 DIMENSION DOES NOT INCLUDE TRIM BURR
- △6 .015 MAX CARRIER TRIM BURR PER SIDE IS ALLOWABLE IN THE SHADED AREA



HOUSING: NYLON, COLOR-BLACK TRANSLUCENT RECEPTACLE: BRASS TIN	9-520124-2
HOUSING: NYLON, COLOR-BLUE TRANSLUCENT RECEPTACLE: BRASS TIN	3-520124-2
MATERIAL & FINISH	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P FORTNEY 11/7/88	TE Connectivity RECEPTACLE ASSY, ULTRA-FAST, .187 SERIES, 16-14 AWG				
DIMENSIONS: INCHES		CHK MS FEHER 11/8/88					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD K RANDOLPH 11/8/88					
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .015 4 PLC ± - ANGLES ± -		NAME					
MATERIAL: SEE TABLE		FINISH: SEE TABLE	PRODUCT SPEC 108-2043	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
			APPLICATION SPEC 114-2123	A3	00779	C-520124	-
			WEIGHT: -	CUSTOMER DRAWING		SCALE: 4:1	SHEET: 1 OF 1
						REV: P	