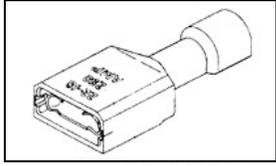


## 4-520447-2 Product Details



**4-520447-2**

TE Internal Number: 4-520447-2



Active

### 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 = 6.35 x 0.81 mm
- Brass Material

### Documentation & Additional Information

#### Product Drawings:

- [RECEPTACLE ASSEMBLY,ULTRA-FAST, .250 SERIES,12-10 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 J)
- [3D Model](#) (IGES, Version J)
- [3D Model](#) (STEP, Version J)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

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

#### Product Type Features:

- Terminal Type = Receptacle
- [Receptacle Style](#) = Straight
- [Insulation Support](#) = Non-Insulation Support
- Finish = Tin

#### Dimensions:

- [Mating Area Interface Dimensions \(mm \[in\]\)](#) = 6.35 x 0.81 [.250 x .032]
- [Insulation Diameter \(mm \[in\]\)](#) = 8.13 [.320] Max.

#### Body Features:

- [Material](#) = Brass
- [Wire Range \(mm \[AWG\]\)](#) = 3.00-6.00<sup>2</sup> [12-10]
- Fully Insulated = Yes

#### Housing Features:

- UL Flammability Rating = UL 94V-2

#### 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

#### Packaging Features:

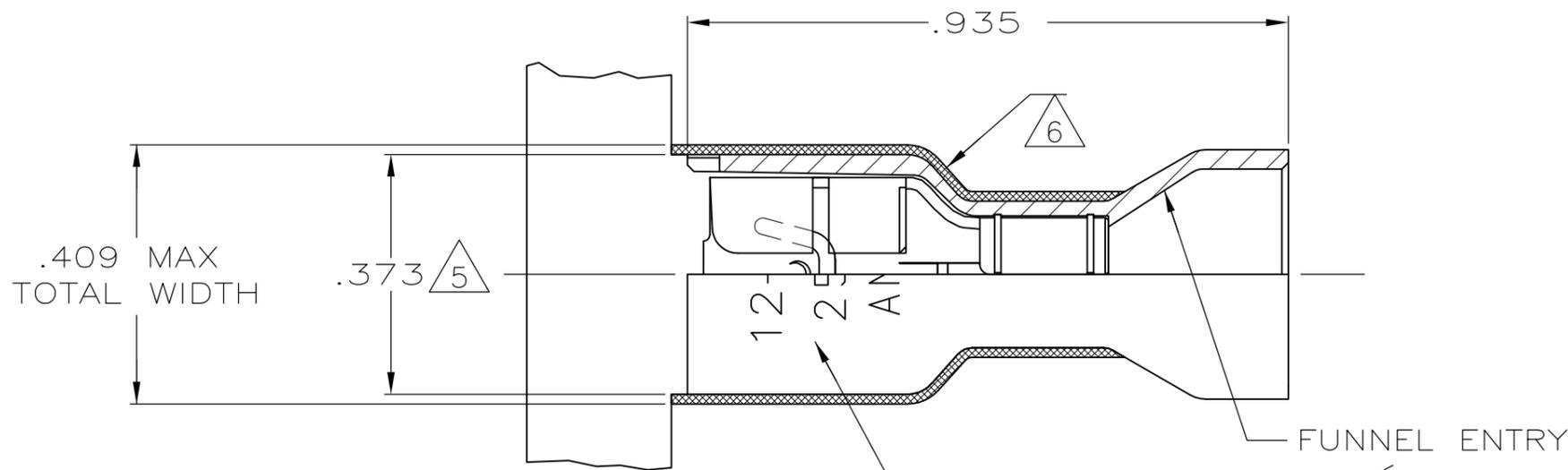
- [Packaging Method](#) = Strip

#### Other:

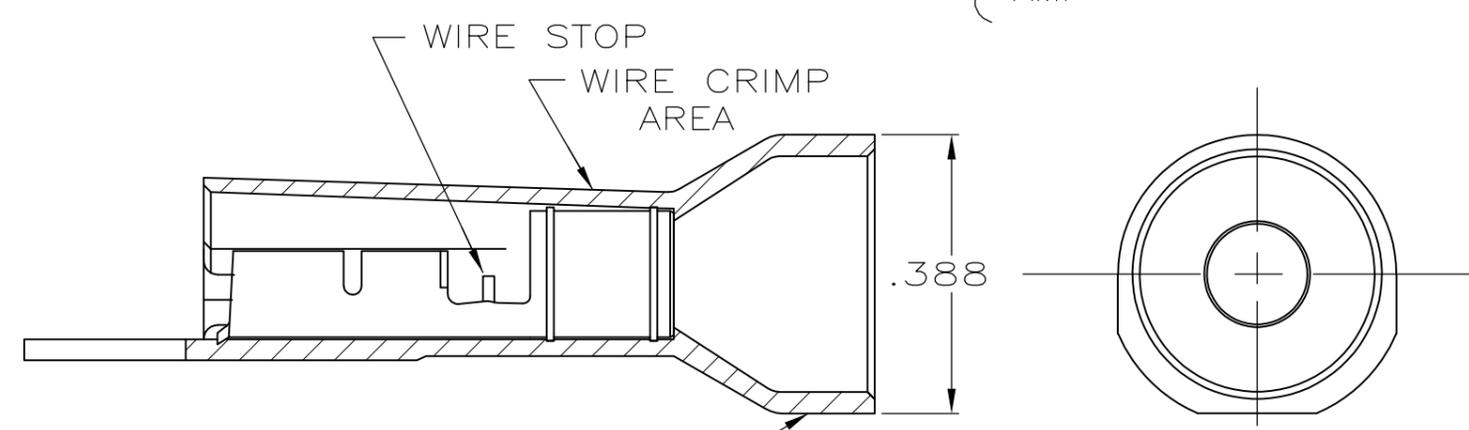
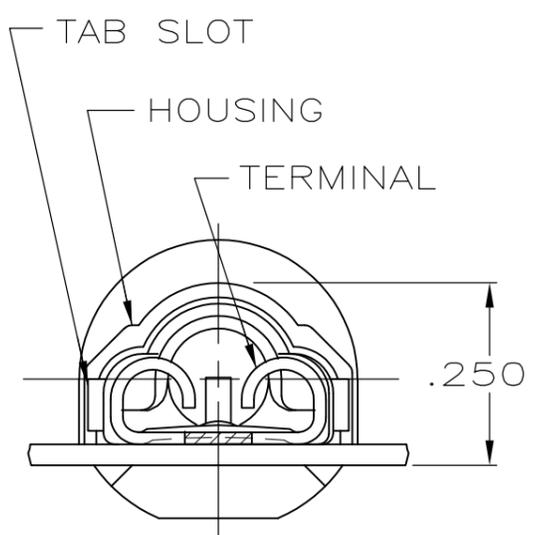
- [Proprietary Name](#) = Ultra-Fast
- Brand = AMP

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



- 1 MATES WITH .032±.001x.250 TAB
- 2 WIRE STRIP LENGTH .312
- 3 INSULATION SIZE .320 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	9-520447-2
HOUSING: NYLON, COLOR-YELLOW TRANSLUCENT RECEPTACLE: BRASS, TIN	4-520447-2
MATERIAL & FINISH	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P FORTNEY 11/4/88	<b>TE Connectivity</b> RECEPTACLE ASSEMBLY, ULTRA-FAST, .250 SERIES, 12-10 AWG											
DIMENSIONS: INCHES		CHK MS FEHER 11/7/88												
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD K RANDOLPH 11/7/88												
<table border="0"> <tr><td>0 PLC</td><td>± -</td></tr> <tr><td>1 PLC</td><td>± -</td></tr> <tr><td>2 PLC</td><td>± -</td></tr> <tr><td>3 PLC</td><td>± .015</td></tr> <tr><td>4 PLC</td><td>± -</td></tr> <tr><td>ANGLES</td><td>± -</td></tr> </table>		0 PLC				± -	1 PLC	± -	2 PLC	± -	3 PLC	± .015	4 PLC	± -
0 PLC	± -													
1 PLC	± -													
2 PLC	± -													
3 PLC	± .015													
4 PLC	± -													
ANGLES	± -													
MATERIAL SEE TABLE	FINISH SEE TABLE	PRODUCT SPEC 108-2043	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO								
		APPLICATION SPEC 114-2123	A3	00779	C-520447	-								
		WEIGHT -	CUSTOMER DRAWING		SCALE 4:1	SHEET 1 OF 1								
					REV L									