2-520183-4 Product Details

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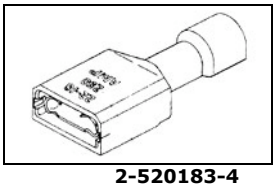

2-520183-4

TE Internal Number: 2-520183-4

Active

View 3D PDF

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
- Phosphor Bronze Material

View all Features

Quick Links

- Pricing & Availability
- Search for Tooling
- Product Feature Selector
- Contact Us About This Product

Add to My Part List | Request Sample | Find Similar Products | Buy Product

Documentation & Additional Information

Product Drawings:

- RECEPTACLE ASSY,ULTRA-FAST, .250 SERIES,22-18 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 P)
- 3D Model (IGES, Version P)
- 3D Model (STEP, Version P)

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]) = 6.35 x 0.81 [.250 x .032]
- Insulation Diameter (mm [in]) = 3.43 [.135] Max.

Body Features:

- Material = Phosphor Bronze
- Wire Range (mm [AWG]) = 0.30-0.90² [22-18]
- 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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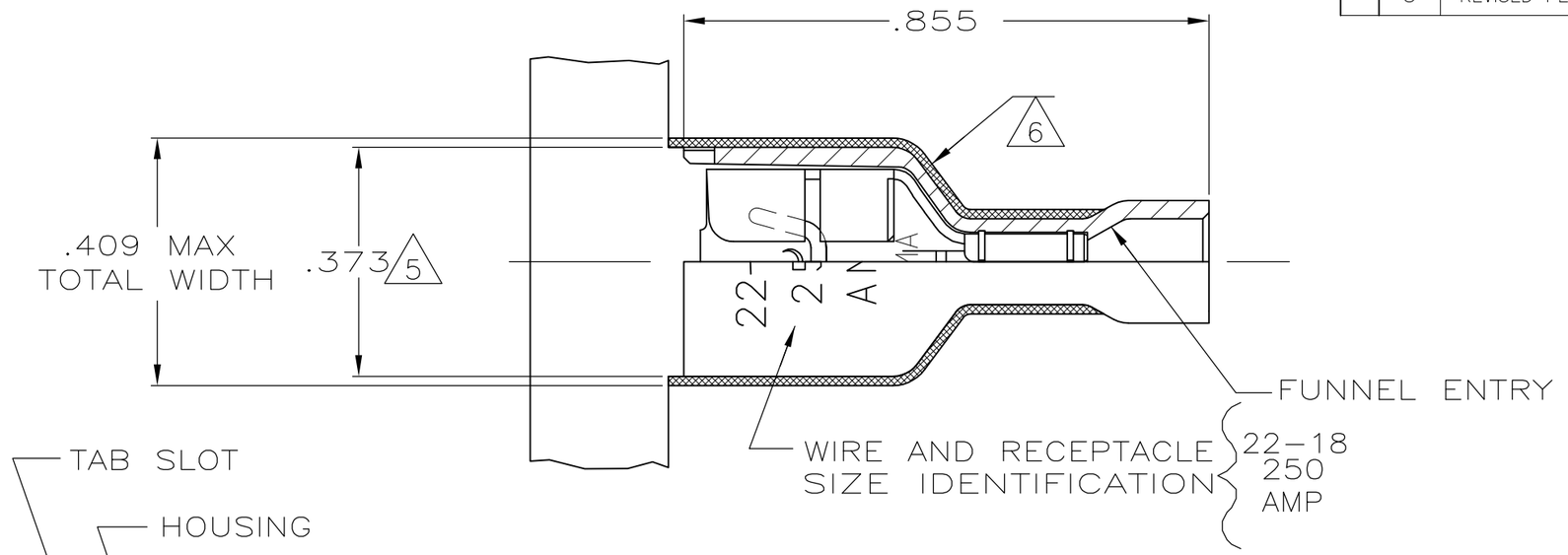
LOC	DIST
AF	50

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	S	REVISED PER ECR–13–004343	30JUL13	KH	KR



1 MATES WITH .032±.001x.250 TAB

2 WIRE STRIP LENGTH .281

3 INSULATION SIZE .135 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

PACKAGING	MATERIAL & FINISH	PART NO
STANDARD	HOUSING:NYLON,COLOR–BLACK TRANSLUCENT RECEPTACLE:BRASS, TIN	9–520183–2
BULK	HOUSING:NYLON,COLOR–RED TRANSLUCENT RECEPTACLE:BRASS, TIN	5–520183–2
STANDARD	HOUSING:NYLON,COLOR–RED TRANSLUCENT RECEPTACLE:#3 HARD PH BRONZE, TIN	2–520183–4
	HOUSING:NYLON,COLOR–RED TRANSLUCENT RECEPTACLE:BRASS, TIN	2–520183–2

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .015
4 PLC ± –
ANGLES ± –

MATERIAL: SEE TABLE

FINISH: SEE TABLE

DWN P FORTNEY 10/18/88
CHK JR RUTH 10/18/88
APVD K RANDOLPH 10/21/88
PRODUCT SPEC 108–2043
APPLICATION SPEC 114–2123
WEIGHT –

TE Connectivity

NAME: RECEPTACLE ASSY,ULTRA–FAST, .250 SERIES,22–18 AWG

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–520183	–

CUSTOMER DRAWING

SCALE	SHEET	REV
4:1	1 OF 1	S