TE connectivity

Have a Question?
Chat with a Product
Information Specialist

What can we help you find?

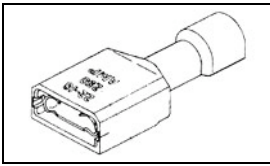| Products | Industries | Resources | About TE | My Account | Innovation | Support Center |

3-520116-2 Product Details

Share   Print   Email

3-520116-2

TE Internal Number: 3-520116-2

✓ 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

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Documentation & Additional Information

Product Drawings:
- RECEPTACLE ASSY,ULTRA-FAST, .250 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 J)
- 3D Model (IGES, Version J)
- 3D Model (STEP, Version J)

Additional Information:
- Product Line Information

Related Products:
- Tooling

List all Documents

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]) = 4.06 [.160] Max.

Body Features:
- Material = Phosphor Bronze
- 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

Corporate Information
About TE
Investors
News Room
Supplier Portal
Careers
Terms & Conditions
Privacy Policy

Quick Links
Distributor Inventory
Product Cross Reference
Documents & Drawings
Product Compliance Support Center
Site Map

Customer Support
Email or Chat With Us
Find a Phone Number
Knowledge Base
Manage Your Account

Keep Me Informed

RELEASED FOR PUBLICATION   —.—.—

LOC	DIST			REVISIONS			
AF	50	P	LTR	DESCRIPTION	DATE	DWN	APVD
			K	REVISED PER ECR-12-005303	18JUL12	KH	KR

1   MATES WITH .032±.001x.250 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

.855

△6

.409 MAX TOTAL WIDTH

.373 △5

16 2J AMA

FUNNEL ENTRY

WIRE AND RECEPTACLE
SIZE IDENTIFICATION { 16-14
250
AMP

TAB SLOT

HOUSING

TERMINAL

.195

WIRE STOP

WIRE CRIMP AREA

.225

INSULATION GUIDE
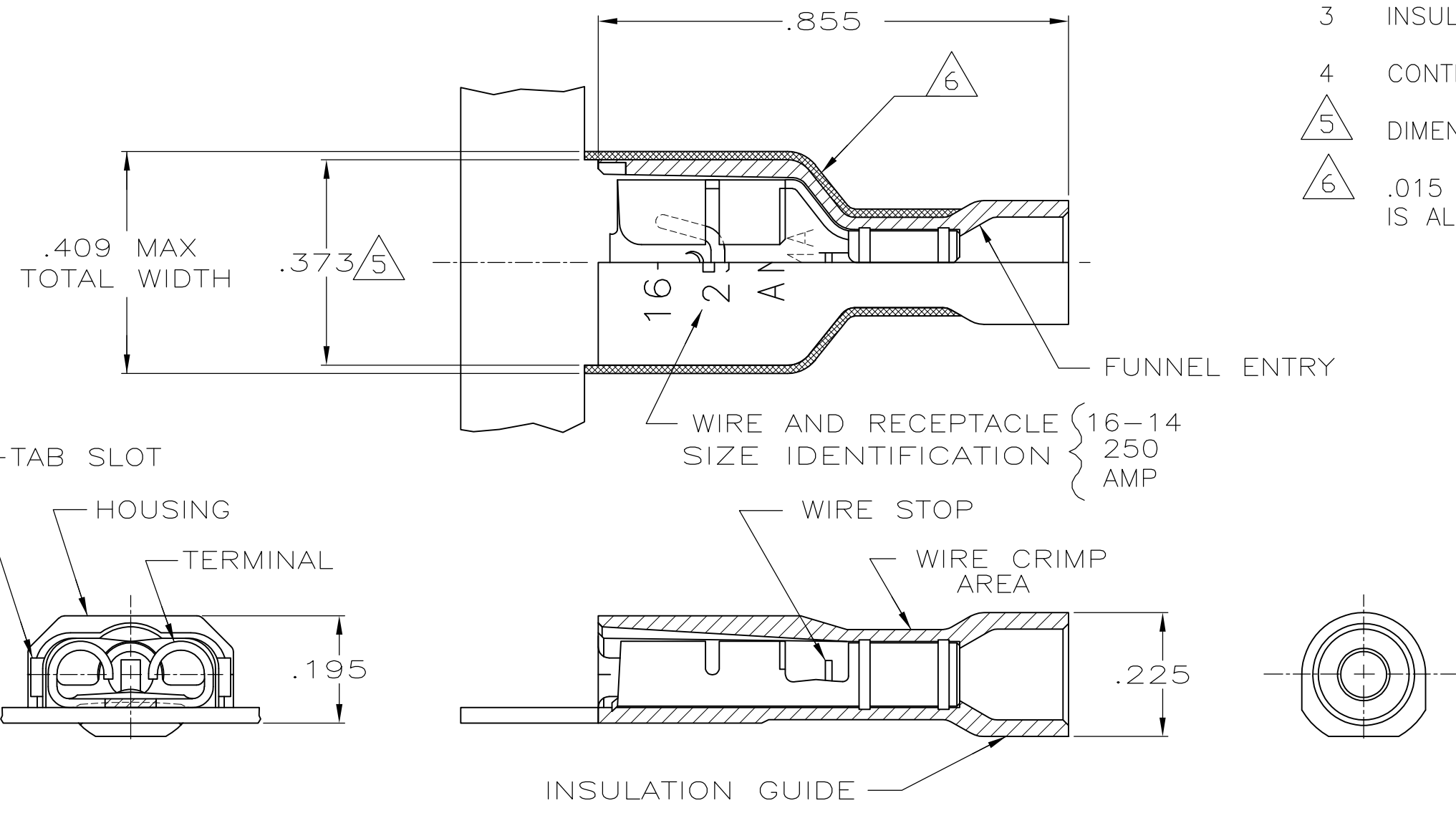
HOUSING:NYLON,COLOR-BLUE TRANSLUCENT
RECEPTACLE:#3 HARD PHOS BRONZE
TIN

3-520116-2

MATERIAL & FINISH

PART NO

DWN	P FORTNEY	10/18/88
CHK	JR RUTH	10/18/88
APVD	K RANDOLPH	10/21/88

≡TE   TE Connectivity

NAME

RECEPTACLE ASSY,ULTRA-FAST,
.250 SERIES,16-14 AWG

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± —
1 PLC	± —
2 PLC	± —
3 PLC	± .015
4 PLC	± —
ANGLES	± —

PRODUCT SPEC
108-2043

APPLICATION SPEC
114-2123

MATERIAL   SEE TABLE

FINISH   SEE TABLE

WEIGHT   —

SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO
A3	00779	C-520116		—

CUSTOMER DRAWING

SCALE 4:1   SHEET 1 OF 1   REV K

1470-19 (3/11)