



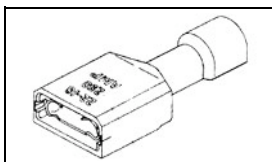
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3-520117-2 Product Details

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3-520117-2

TE Internal Number: 3-520117-2

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 = 6.35 x 0.81 mm
- Phosphor Bronze Material

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • RECEPTACLE ASSY,ULTRA-FAST, LOOSE PIECE,-.250 SERIES,... (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • Ultra-Fast and Ultra Fast Plus (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none"> • Ultra-Fast Fully Insulated FASTON Receptacle Terminals (PDF, English) <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version M) • 3D Model (IGES, Version M) • 3D Model (STEP, Version M) 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Terminal Type = Receptacle • Receptacle Style = Straight • Insulation Support = Non-Insulation Support • Finish = Tin <p>Dimensions:</p> <ul style="list-style-type: none"> • Mating Area Interface Dimensions (mm [in]) = 6.35 x 0.81 [.250 x .032] • Insulation Diameter (mm [in]) = 4.06 [.160] Max. <p>Body Features:</p> <ul style="list-style-type: none"> • Material = Phosphor Bronze • Wire Range (mm [AWG]) = 1.25-2.00² [16-14] • Fully Insulated = Yes 	<p>Housing Features:</p> <ul style="list-style-type: none"> • UL Flammability Rating = UL 94V-2 <p>Industry Standards:</p> <ul style="list-style-type: none"> • 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 <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Loose Piece <p>Other:</p> <ul style="list-style-type: none"> • Proprietary Name = Ultra-Fast • Brand = AMP

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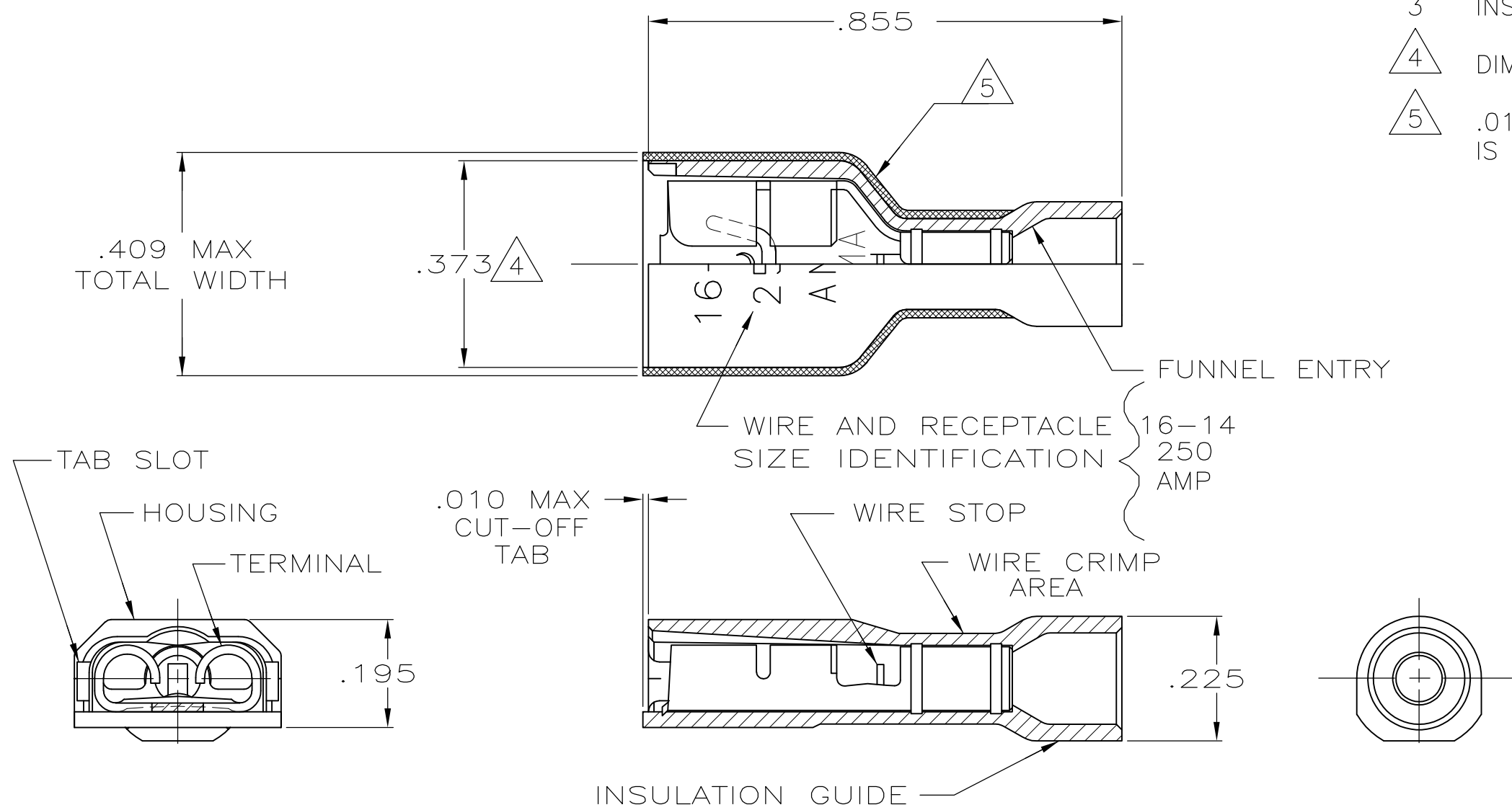
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LOC	DIST	REVISIONS					
AF	50	P	LTR	DESCRIPTION	DATE	DWN	APVD
		N		REVISED PER ECR-12-005303	18JUL12	KH	KR

- 1 MATES WITH .032±.001x.250 TAB
- 2 WIRE STRIP LENGTH .281
- 3 INSULATION SIZE .160 MAX DIA
- △4 DIMENSION DOES NOT INCLUDE TRIM BURR
- △5 .015 MAX CARRIER TRIM BURR PER SIDE IS ALLOWABLE IN THE SHADED AREA



HOUSING: NYLON, COLOR-BLUE TRANSLUCENT RECEPTACLE: #3 HARD PHOS BRONZE TIN	3-520117-2
MATERIAL & FINISH	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P FORTNEY 10/18/88	TE Connectivity											
DIMENSIONS: INCHES		CHK JR RUTH 10/18/88												
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD K RANDOLPH 10/21/88												
<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	± -	ANGLES
0 PLC	± -													
1 PLC	± -													
2 PLC	± -													
3 PLC	± .015													
4 PLC	± -													
ANGLES	± -													
MATERIAL SEE TABLE		FINISH SEE TABLE	PRODUCT SPEC 108-2043	SIZE A3	CAGE CODE 00779	DRAWING NO C-520117	RESTRICTED TO -							
CUSTOMER DRAWING			APPLICATION SPEC 114-2123	SCALE 4:1	SHEET 1 OF 1	REV N								