



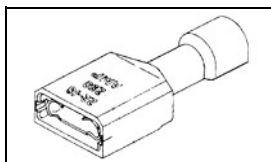
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## 2-520084-2 Product Details

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**2-520084-2**

TE Internal Number: 2-520084-2

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 = 2.79 x 0.51 mm, 3.18 x 0.51 mm
- Brass Material

[View all Features](#)

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RECEPTACLE ASSY,ULTRA-FAST, LOOSE PIECE, .110/.125 SE...</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Ultra-Fast and Ultra Fast Plus</a> (PDF, English)</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Ultra-Fast Fully Insulated FASTON Receptacle Terminals</a> (PDF, English)</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>CAD Files:</b> (CAD Format &amp; Compression Information)</p> <ul style="list-style-type: none"> <li>• <a href="#">2D Drawing</a> (DXF, Version E)</li> <li>• <a href="#">3D Model</a> (IGES, Version E)</li> <li>• <a href="#">3D Model</a> (STEP, Version E)</li> </ul>	<p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> </ul>

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Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>• Terminal Type = Receptacle</li> <li>• <a href="#">Receptacle Style</a> = Straight</li> <li>• <a href="#">Insulation Support</a> = Non-Insulation Support</li> <li>• Finish = Tin</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Mating Area Interface Dimensions (mm [in])</a> = 2.79 x 0.51 [.110 x .020], 3.18 x 0.51 [.125 x .020]</li> <li>• <a href="#">Insulation Diameter (mm [in])</a> = 3.05 [.120] Max.</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Material</a> = Brass</li> <li>• <a href="#">Wire Range (mm [AWG])</a> = 0.30-0.90<sup>2</sup> [22-18]</li> <li>• Fully Insulated = Yes</li> </ul>	<p><b>Housing Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">UL Flammability Rating</a> = UL 94V-2</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RoHS/ELV Compliance</a> = RoHS compliant, ELV compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Not relevant for lead free process</li> <li>• <a href="#">RoHS/ELV Compliance History</a> = Always was RoHS compliant</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Packaging Method</a> = Loose Piece</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Proprietary Name</a> = Ultra-Fast</li> <li>• Brand = AMP</li> </ul>

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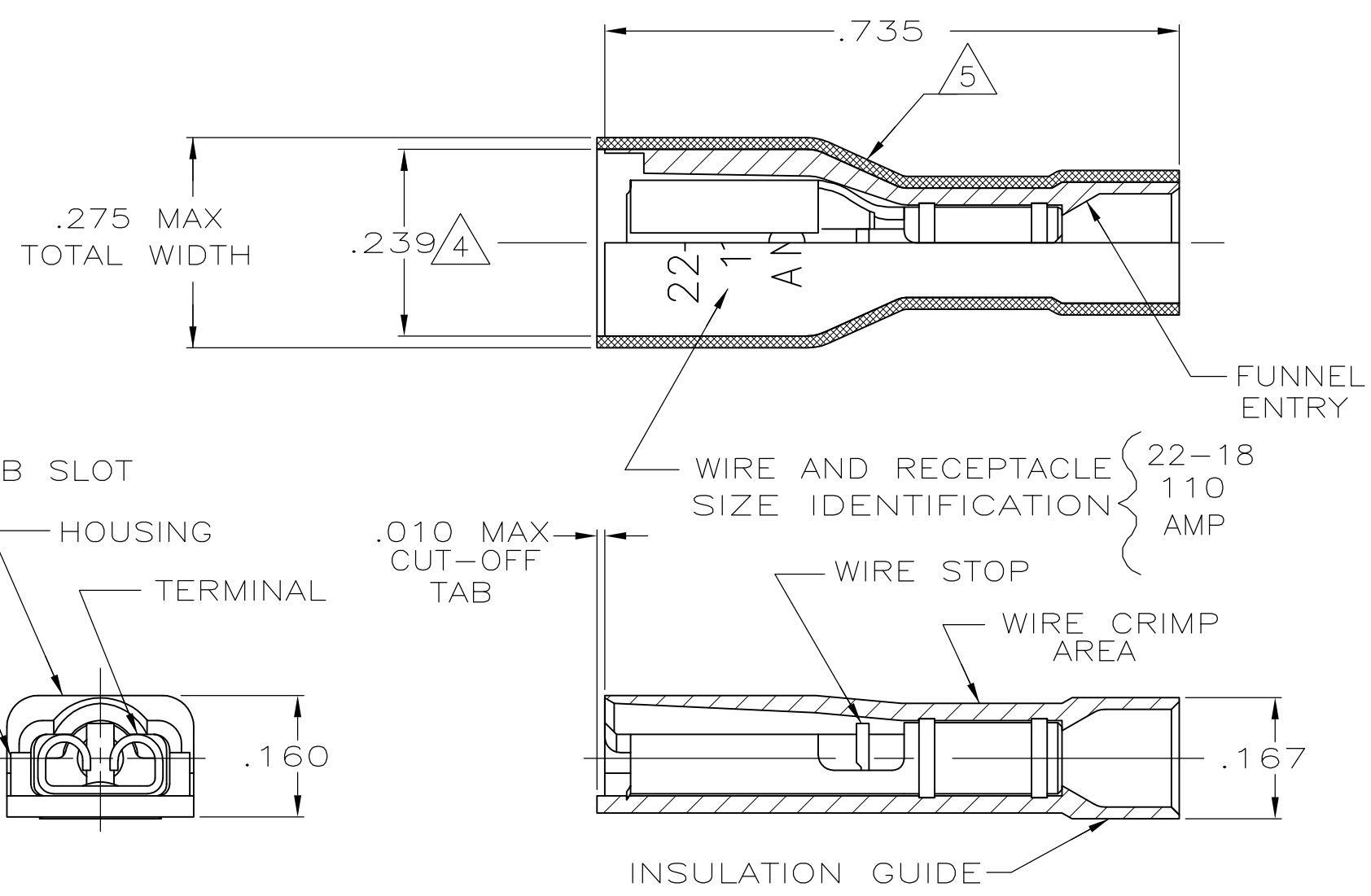
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LOC	DIST	REVISIONS					
AF	50	P	LTR	DESCRIPTION	DATE	DWN	APVD
		P		REVISED PER ECR-13-004343	30JUL13	KH	KR



- 1 MATES WITH .020±.001X.110 OR .125 TAB
- 2 WIRE STRIP LENGTH .281
- 3 INSULATION SIZE .120 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-RED TRANSLUCENT	2-520084-2
RECEPTACLE: BRASS TIN	
MATERIAL & FINISH	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P FORTNEY 11/9/88	<b>STE</b> TE Connectivity	
DIMENSIONS: INCHES		CHK MS FEHER 11/9/88		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD K RANDOLPH 11/11/88	NAME RECEPTACLE ASSY, ULTRA-FAST, LOOSE PIECE, .110/.125 SERIES, 22-18 AWG	
0 PLC ± -		PRODUCT SPEC 108-2043	SIZE A3	
1 PLC ± -		APPLICATION SPEC 114-2123	CAGE CODE 00779	DRAWING NO C-520084
2 PLC ± -		WEIGHT -	RESTRICTED TO -	
3 PLC ± .015		CUSTOMER DRAWING		
4 PLC ± -		SCALE 5:1		
ANGLES ± -		SHEET 1 OF 1		
MATERIAL SEE TABLE	FINISH SEE TABLE	REV P		