



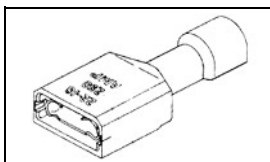
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3-520412-2 Product Details

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3-520412-2

TE Internal Number: 3-520412-2

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 Plus
- Receptacle Style = Straight
- Mating Area Interface Dimensions = 4.75 x 0.81 mm
- Brass Material

[View all Features](#)

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> RECEPTACLE ASSY,ULTRA-FAST PLUS, LOOSE PIECE .187 SE... (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"> None Available <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 G) 3D Model (IGES, Version G) 3D Model (STEP, Version G) 	<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 = Insulation Support Finish = Tin <p>Dimensions:</p> <ul style="list-style-type: none"> Mating Area Interface Dimensions (mm [in]) = 4.75 x 0.81 [.187 x .032] Insulation Diameter (mm [in]) = 2.29-4.06 [.090-.160] <p>Body Features:</p> <ul style="list-style-type: none"> Material = Brass 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 Plus Brand = AMP

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Customer Support

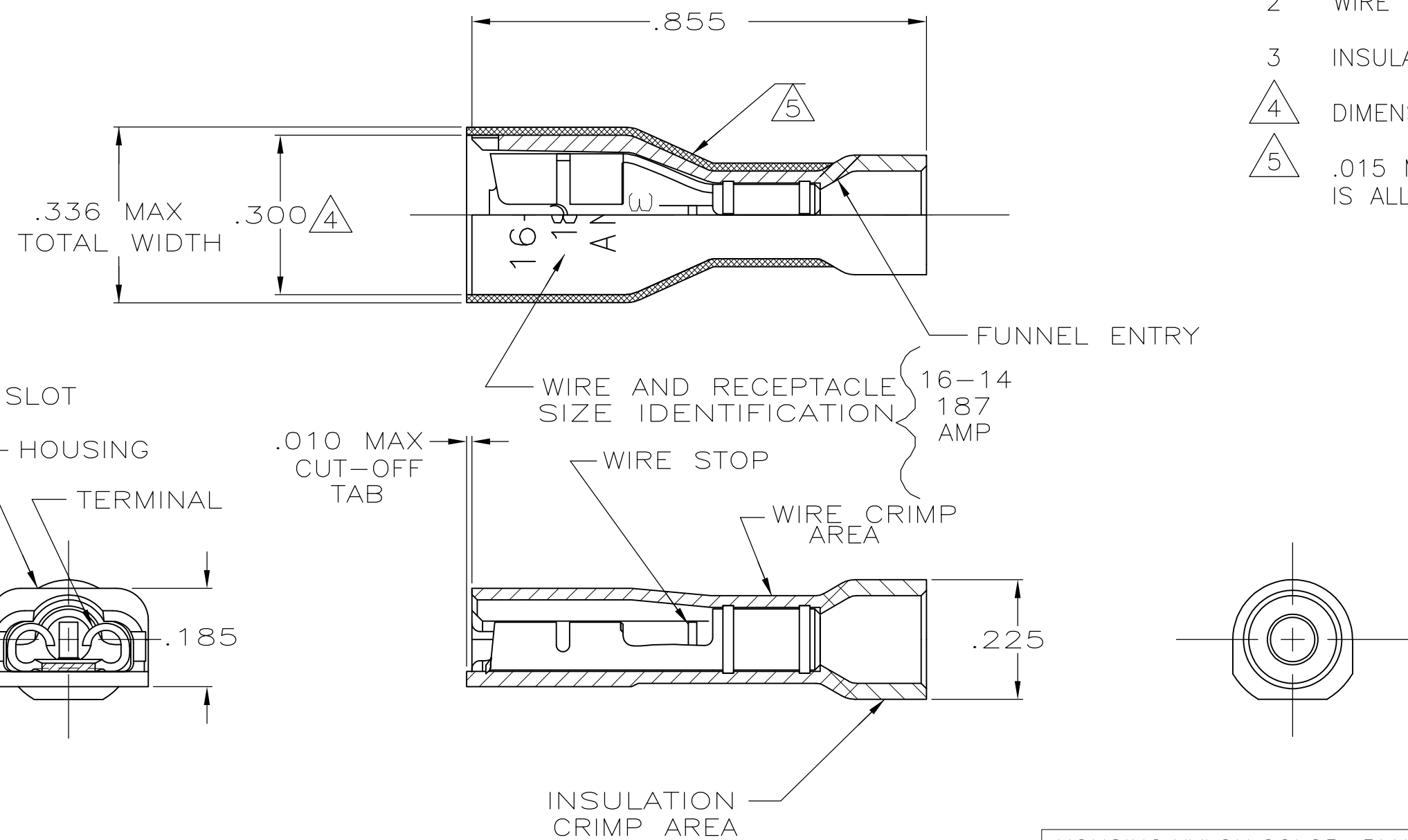
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AF	50	J	REVISED PER ECR-13-004343	30JUL13	KH KR

- 1 MATES WITH .032±.001x.187 TAB
- 2 WIRE STRIP LENGTH .281
- 3 INSULATION SIZE .090-.160 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: BRASS TIN	3-520412-2
MATERIAL & FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P FORTNEY 11/2/88	TE Connectivity RECEPTACLE ASSY, ULTRA-FAST PLUS, LOOSE PIECE .187 SERIES, 16-14 AWG		
DIMENSIONS: INCHES		CHK MS FEHER 11/2/88			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD K RANDOLH 11/2/88			
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .015 4 PLC ± - ANGLES ± -		NAME			
MATERIAL SEE TABLE		FINISH SEE TABLE	PRODUCT SPEC 108-2044	APPLICATION SPEC 114-2123	RESTRICTED TO -
CUSTOMER DRAWING			WEIGHT -	SIZE A3	CAGE CODE 00779
			DRAWING NO C-520412	SCALE 4:1	SHEET 1 OF 1
				REV J	