



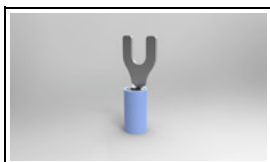
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321233 Product Details

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321233

TE Internal Number: 321233

Active

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Ring and Spade Tongue Terminals

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Terminal Shape = Spade Tongue
- Receptacle Style = Straight
- Body Style = PIDG
- Barrel Type = Closed Barrel
- Wire/Cable Type = Regular Wire

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [TERMINAL, SPADE, PIDG, WIRE SIZE: 16-14 \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [Pre-Insulated Diamond Grip \(PIDG\) Terminals, Splices... \(PDF, English\)](#)

Instruction Sheets:

- None Available

CAD Files: [\(CAD Format & Compression Information\)](#)

- [2D Drawing \(DXF, Version H\)](#)
- [3D Model \(IGES, Version H\)](#)
- [3D Model \(STEP, Version H\)](#)

[List all Documents](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Terminal Shape = Spade Tongue
- Receptacle Style = Straight
- Barrel Type = Closed Barrel
- Wire/Cable Type = Regular Wire
- Insulation = Yes
- Insulation Support = Insulation Support
- Stud Diameter (mm [in]) = 4.34 [0.171]
- Stud Size = 8 [M4]
- Shape = SPADE-020
- Heavy Duty = No
- Finish = Tin
- Color = Blue

Electrical Characteristics:

- Voltage (VAC) = 300

Termination Features:

- Wire/Cable Size (CMA) = 2,050 - 5,180

Dimensions:

- Insulation Diameter (mm [in]) = 2.92 - 4.31 [.115 - .170]

Body Features:

- Body Style = PIDG
- Wire Range (mm [AWG]) = 1.25-2.00² [16-14]
- Material = Copper
- Tongue Material Thickness (mm [in]) = 0.79 [0.031]
- Insulation Material = Nylon

Industry Standards:

- Government/Industry Qualification = No
- 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

Packaging Features:

- Packaging Method = Loose Piece

Other:

- Brand = AMP

Corporate Information

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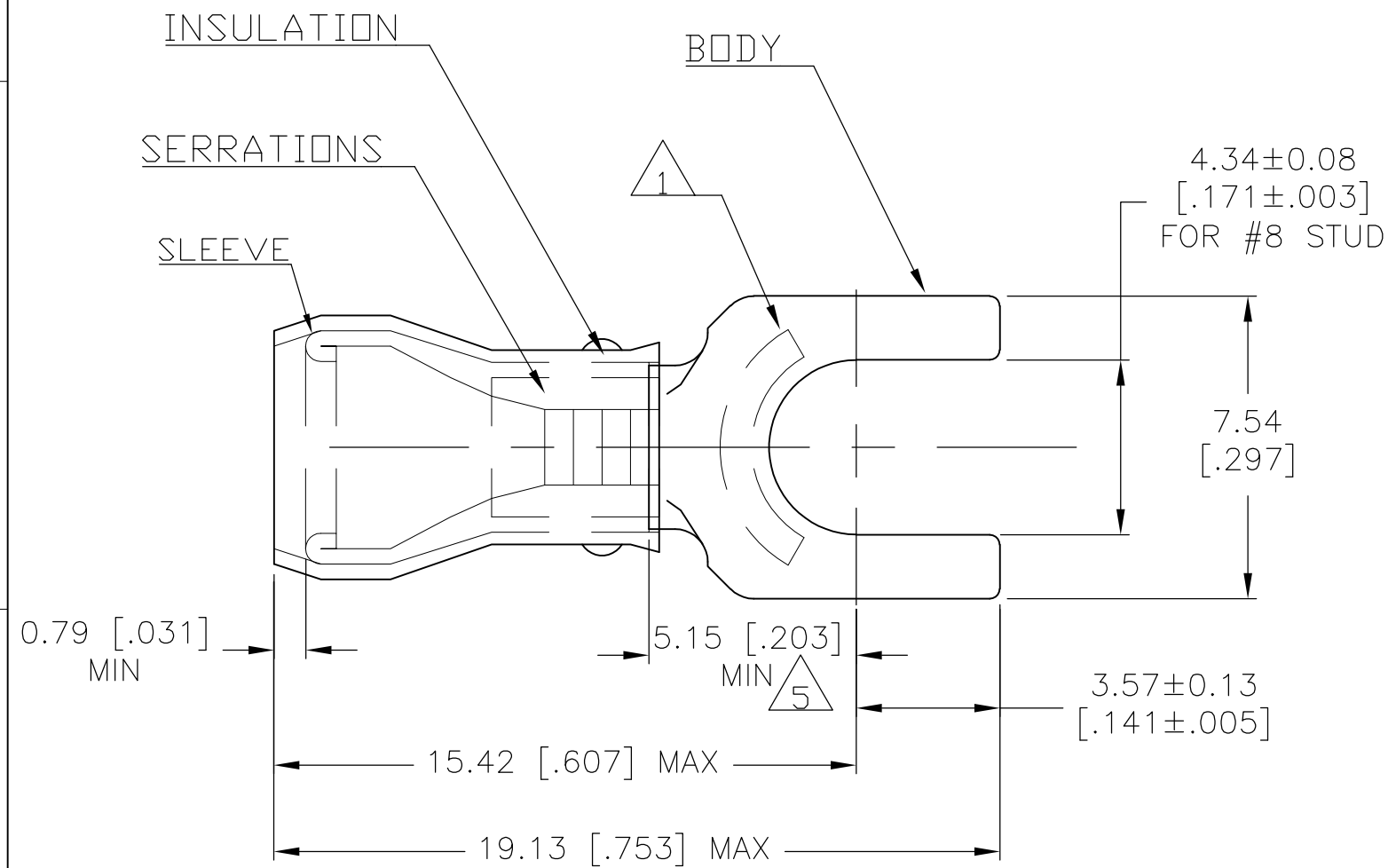
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
G	14		G1	REVISED PER ECO-11-004917	11MAR11	RK	HMR

AMP WIRE RANGE	Listed FILE E13288	LR7189 Certified
16-14 AWG SOLID OR STRANDED	16-14 AWG SOLID OR STRANDED	16-14 AWG SOLID OR STRANDED



- 1 STAMP AMP 16-14* LOCATE APPROX AS SHOWN
- 2. WIRE INSUL DIA., 2.92-4.32 [.115-.170]
- 3. TONGUE MATL THK, 0.79 ±0.05 [.031±.002]
- 4 MATERIAL: BODY - CU PER ASTM B152
METAL SLEEVE - CU PER ASTM B152
PLASTIC SLEEVE - NYLON
- 5 APPLIES FROM THE METAL EDGE OF BARREL TO THE CENTER OF THE STUD HOLE
- 6 FINISH: BODY - TIN PLATE PER ASTM B545
METAL SLEEVE - TIN PLATE PER ASTM B545
PLASTIC SLEEVE - COLOR, BLUE

50	LOOSE PIECE, BAG	8-321233-5
100	LOOSE PIECE, BOX	8-321233-1
5000	ON TAPE, REEL	2-321233-1
-	LOOSE PIECE	321233
QTY	PACKAGE TYPE	PART NO

CUSTOMER SERVICE SYSTEMS		MAX RECOMMENDED OPERATING TEMPERATURE: 105°C [221° F]	THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN jr_ruth 15JUL09	TE Connectivity			
FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS	PRODUCT INFORMATION CENTER 1-800-522-6752	VOLTAGE RATING: 300V MAX	DIMENSIONS: mm[INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK TOM MICHIELUTTI 15JUL09				NAME
FOR APPLICATION TOOLING INFORMATION	TOOLING ASSISTANCE CENTER 1-800-722-1111	CIRCULAR MIL AREA: 1.04-2.62mm² [2,050-5,180] SOLID OR STRANDED		0 PLC ± - 1 PLC ± - 2 PLC ± 0.20 [.008] 3 PLC ± - 4 PLC ± - ANGLES ± -	APVD TOM MICHIELUTTI 15JUL09	PRODUCT SPEC			
FOR ORDER ENTRY	1-800-526-5142	THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.	MATERIAL	FINISH	APPLICATION SPEC	UL486A-486B			
					WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
					CUSTOMER DRAWING	-	A300779	G-321233	-
					SCALE	SHEET	REV		
					6:1	1 OF 1	G1		