

## 2-320552-1 Product Details

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**2-320552-1**

TE Internal Number: 2-320552-1  
✔ Active

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### Ring and Spade Tongue Terminals

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

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

[View all Features](#)

### Quick Links

- ▶ [Pricing & Availability](#)
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### Documentation & Additional Information

#### Product Drawings:

- [TERMINAL, RING TONGUE, PIDG, 22-16 AWG \(PDF, English\)](#)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### 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:

- Receptacle Style = Straight
- Barrel Type = Closed Barrel
- Wire/Cable Type = Regular Wire
- Insulation = Yes
- Insulation Support = Insulation Support
- Stud Size = 10
- Shape = RING-041
- Heavy Duty = No
- Finish = Tin
- Color = Red

#### Electrical Characteristics:

- Voltage (VAC) = 300

#### Termination Features:

- Wire/Cable Size (CMA) = 509 - 3,260

#### Dimensions:

- Insulation Diameter (mm [in]) = 2.03-3.18 [.080-.125]
- Stud Diameter (mm [in]) = 5.00 [0.197]
- Length (mm [in]) = 20.24 [0.797]
- Tongue Material Thickness (mm [in]) = 0.79 [0.031]

#### Body Features:

- Body Style = PIDG
- Wire Range (mm [AWG]) = 0.30-1.40<sup>2</sup> [22-16]
- Material = Copper
- Insulation Sleeve Material = Nylon

#### Contact Features:

- Terminal Shape = Ring Tongue

#### 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 = Tape Mounted
- Packaging Quantity = 5,000

#### Other:

- Brand = AMP

### Corporate Information

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### Quick Links

[Distributor Inventory](#)  
[Product Cross Reference](#)  
[Documents & Drawings](#)

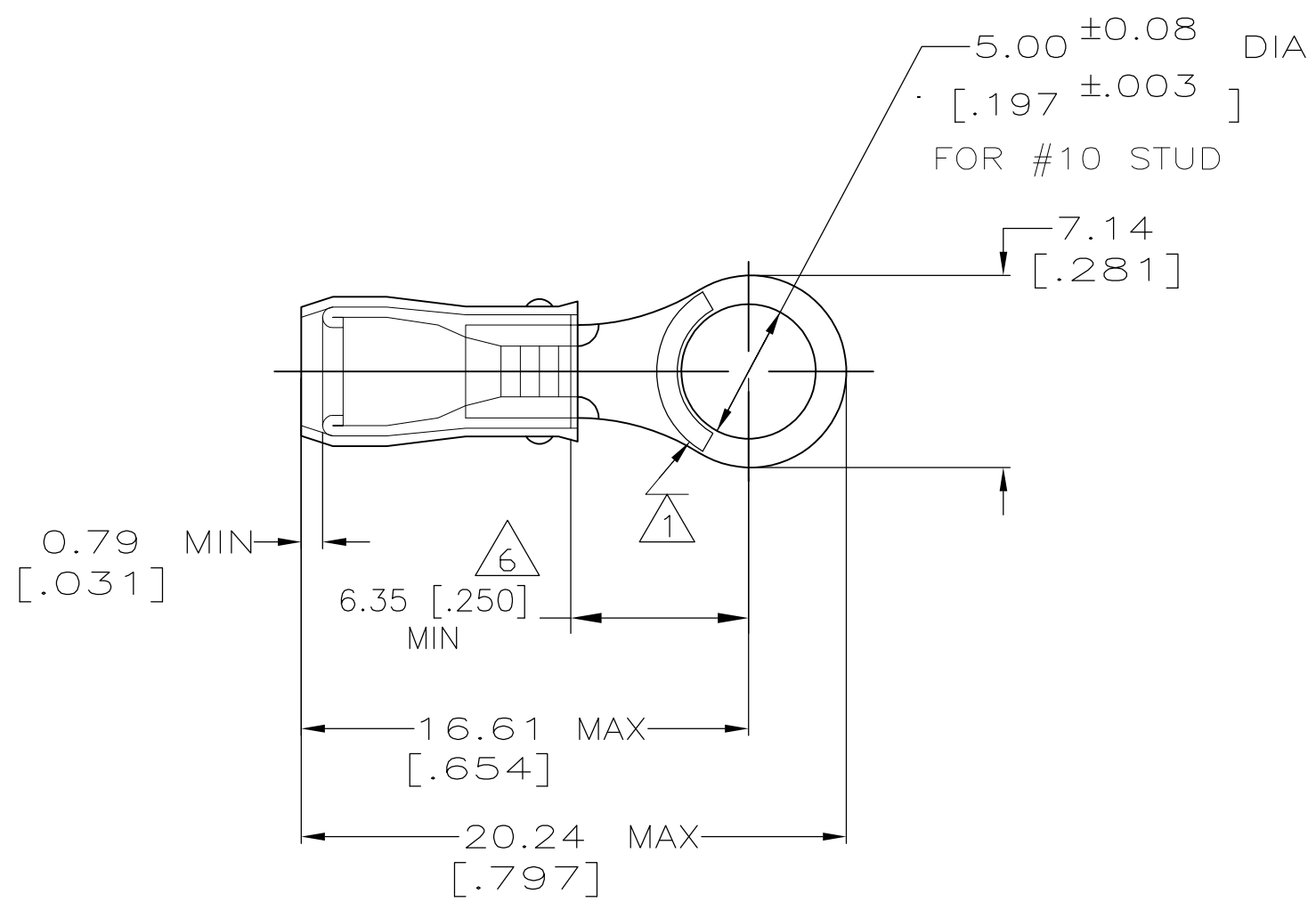
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
G	14		H2	REVISED PER ECO-11-004820	11MAR11	RK	HMR

<b>AMP</b> WIRE RANGE	Listed FILE E13288	LR7189 Certified
22-16 AWG SOLID OR STRANDED	22-16 AWG SOLID OR STRANDED	22-16 AWG SOLID OR STRANDED



- 1 STAMP AMP 22-18\* APPROX AS SHOWN  
22-16 TERMINALS ARE STAMPED 22-18 IN  
ACCORDANCE WITH MILITARY SPEC MIL-T-7928  
COMMERCIAL WIRE RANGE IS 22-16
- 2 WIRE INSULATION DIA: 2.03-3.18 [.080-.125]
- 3 TONGUE MATERIAL THK: 0.79±0.05 [.031±.002]
- 4 BODY : TIN PLATE PER  
ASTM B545,
- 5 BODY - CU PER ASTM B152  
SLEEVE - NYLON, COLOR - RED
- 6 APPLIES FROM EDGE OF METAL WIRE BARREL  
TO CENTER OF STUD HOLE.

100	LOOSE PIECE, BOX	8-320552-1
5000	ON TAPE, REEL	2-320552-1
-	LOOSE PIECE	320552
QTY	PACKAGE	PART NO

<b>AMP INCORPORATED CUSTOMER SERVICE SYSTEMS</b>		MAX RECOMMENDED OPERATING TEMPERATURE: 105°C MAX	THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DK SCHRUM 02/11/93	TE Connectivity				
FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS	PRODUCT INFORMATION CENTER 1-800-522-6752	VOLTAGE RATING: 300 V MAX	DIMENSIONS: MM [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK RE HERSEY 4/28/93				NAME M BARNABA 4/28/93	
FOR APPLICATION TOOLING INFORMATION	TOOLING ASSISTANCE CENTER 1-800-722-1111	CIRCULAR MIL AREA: 0.26-1.65mm² [509-3,260] SOLID OR STRANDED		0 PLC ± - 1 PLC ± - 2 PLC ± 0.20[.008] 3 PLC ± - 4 PLC ± - ANGLES ± -	APVD M BARNABA 4/28/93	PRODUCT SPEC UL 486A				
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 NOT AVAILABLE	SIZE A3	CAGE CODE 00779	DRAWING NO C-320552	RESTRICTED TO	
				- 5	- 4	WEIGHT -	CUSTOMER DRAWING		SCALE 4:1	SHEET 1 OF 1