

## 320552 Product Details

[Share](#) [Print](#) [Email](#)



**320552**

TE Internal Number: 320552  
Active

[View 3D PDF](#)

### 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](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#) [Request Sample](#) [Find Similar Products](#) [Buy Product](#)

### 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:

- [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 = Ring Tongue
- Receptacle Style = Straight
- Barrel Type = Closed Barrel
- Wire/Cable Type = Regular Wire
- Insulation = Yes
- Insulation Support = Insulation Support
- Stud Diameter (mm [in]) = 5.00 [0.197]
- 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]
- Length (mm [in]) = 20.24 [0.797]

#### Body Features:

- Body Style = PIDG
- Wire Range (mm [AWG]) = 0.30-1.40<sup>2</sup> [22-16]
- Material = Copper
- Tongue Material Thickness (mm [in]) = 0.79 [0.031]
- Insulation Sleeve 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

[About TE](#)  
[Investors](#)  
[News Room](#)

### Quick Links

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

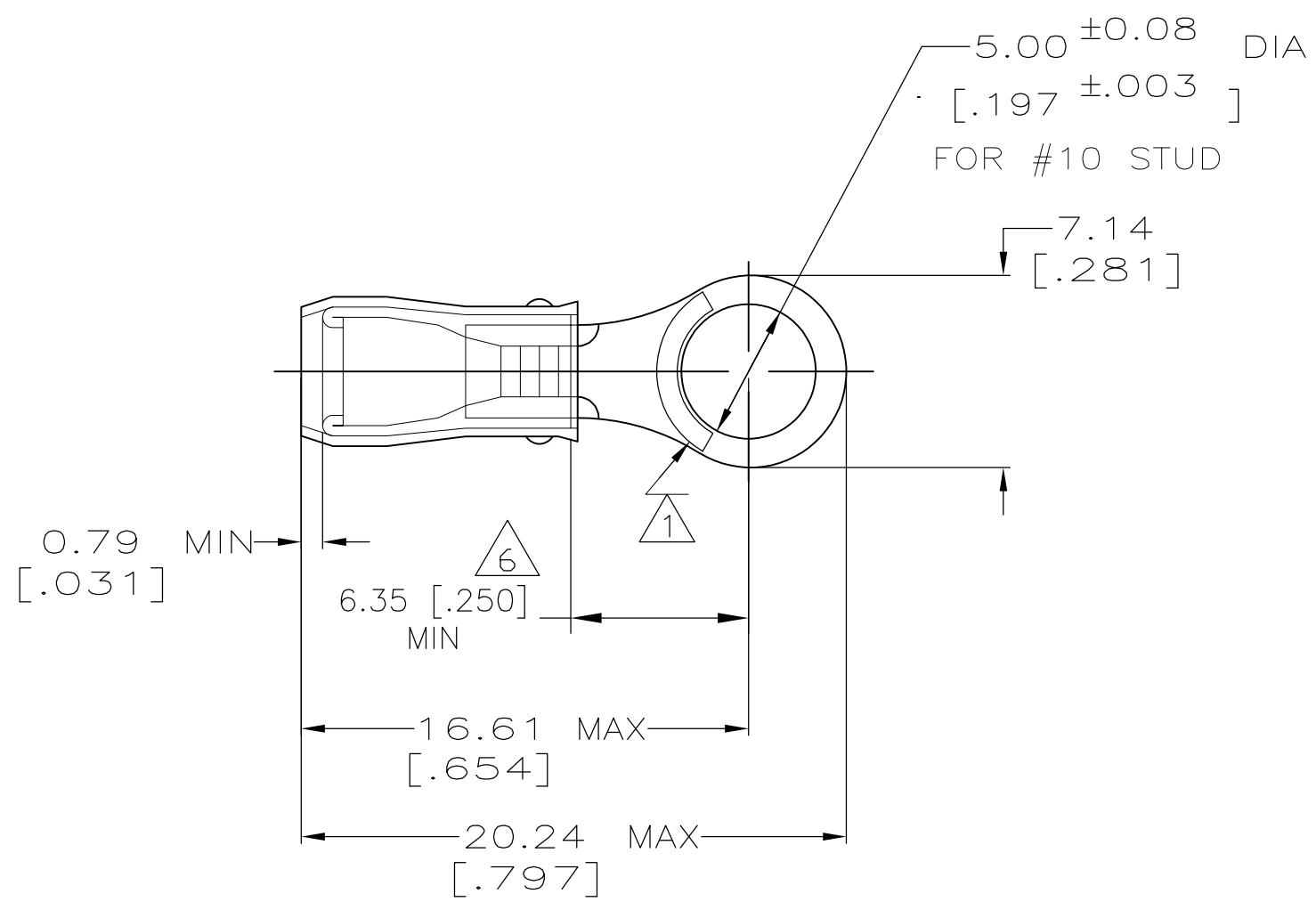
### Customer Support

[Email or Chat With Us](#)  
[Find a Phone Number](#)  
[Knowledge Base](#)

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

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 TERMINAL, RING TONGUE, PIDG, 22-16 AWG
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 - 5	FINISH - 4	APPLICATION SPEC NOT AVAILABLE	SIZE A3	CAGE CODE 00779	DRAWING NO C-320552	RESTRICTED TO -
			CUSTOMER DRAWING		WEIGHT -	SCALE 4:1	SHEET 1 OF 1	REV H2	