

## 32837 Product Details

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**32837**

TE Internal Number: 32837  
 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

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### Documentation & Additional Information

#### Product Drawings:

- [TERMINAL, RING TONGUE, PIDG, WIRE SIZE, 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 \(DXF, Version K\)](#)
- [3D Model \(IGES, Version K\)](#)
- [3D Model \(STEP, Version K\)](#)

[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]) = 4.82 [0.190]
- 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]) = 3.56 [.140] Max.

#### 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]) = 0.84 [0.033]
- 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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### Quick Links

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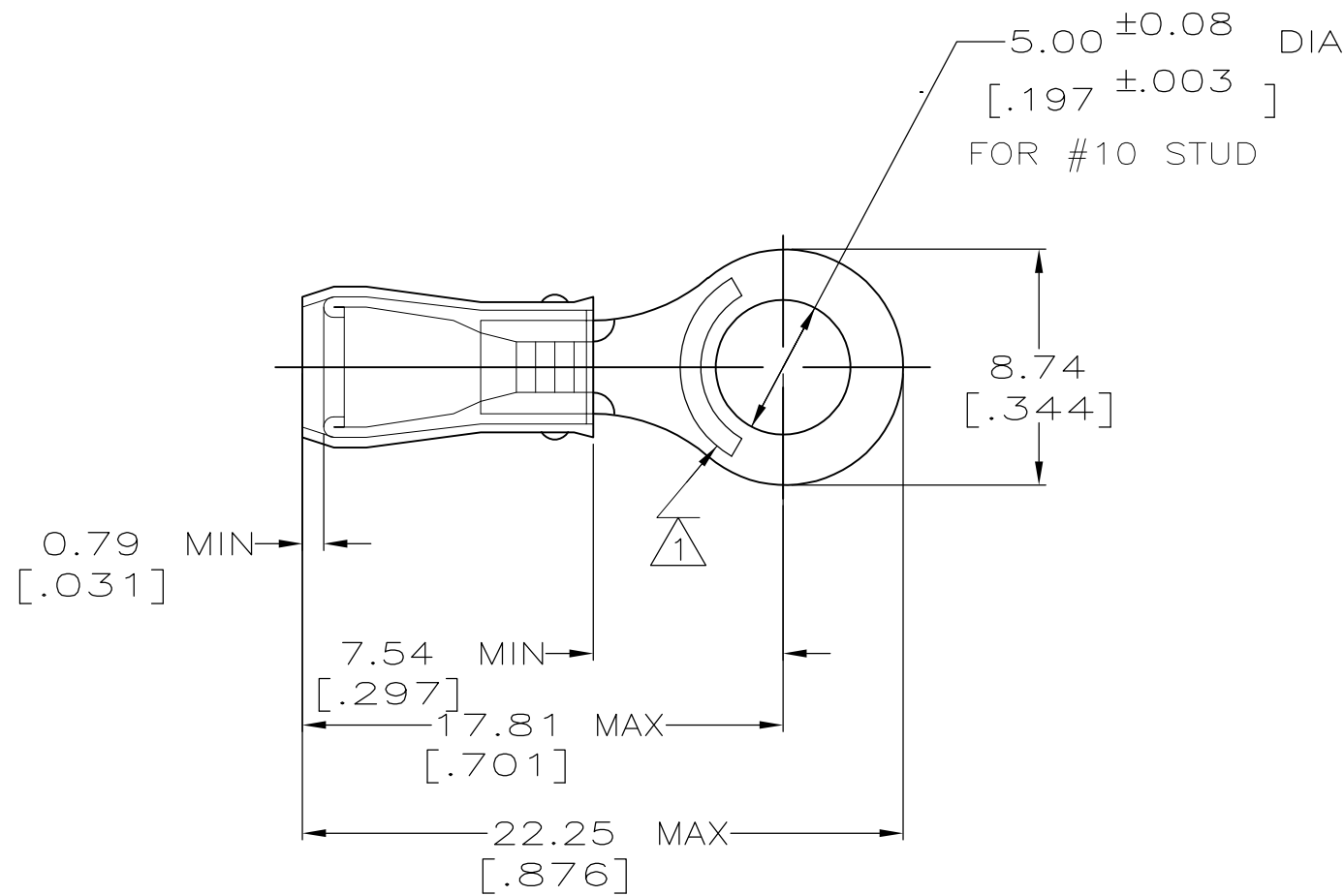
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
G	14		J1	REVISED PER ECO-11-004820	11MAR11	RK	HMR

<b>AMP</b> WIRE RANGE	Listed	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: .105 - .140
- 3 TONGUE MATERIAL THK: 0.79 ±0.05 [.031 ±0.002]

-	100	LOOSE PIECE BOX	8-32837-1
-	5000	ON TAPE, REEL	32837-1
-	-	LOOSE PIECE	32837
MILITARY P/N AND CLASS	QUANTITY	PACKAGE TYPE	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DK SCHRUM 02/11/93	TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK RE HERSEY 4/28/93				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD ML ELLIS 4/28/93	NAME TERMINAL, RING TONGUE, PIDG, WIRE SIZE, <sup>TM</sup> 22-16 AWG			
0 PLC ± -		PRODUCT SPEC UL 486A				
1 PLC ± -		APPLICATION SPEC NOT AVAILABLE	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
2 PLC ± 0.20[.008]		WEIGHT -	A3	00779	C-32837	-
3 PLC ± -		CUSTOMER DRAWING	SCALE	SHEET	REV	
4 PLC ± -			4:1	1 OF 1	J1	
ANGLES ± -						
MATERIAL COPPER ASTM B-152 SLEEVE, RED NYLON	FINISH TIN PLATE PER MIL-T-10727					